HOLSTEIN-FRIESIAN WORLD

TRADE MARK REG.

COMBINING

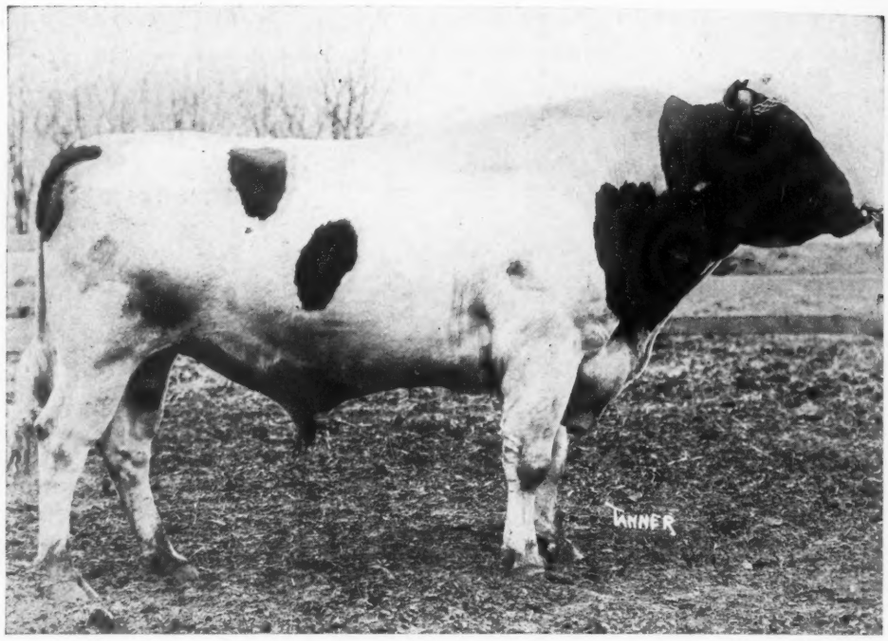
Black and White Record

ANNUAL MEETING NUMBER

MAY TWENTY-FOURTH 1919

Vol XVI. No. 21. Published every week. Price $1.00 per year. Entered as second class matter December 10, 1918, at the postoffice at Lacona, N. Y., under the act of March 3d, 1879.

THE ONLY HERD IN THE WORLD HEADED BY TWO SONS OF CHAMPION COWS

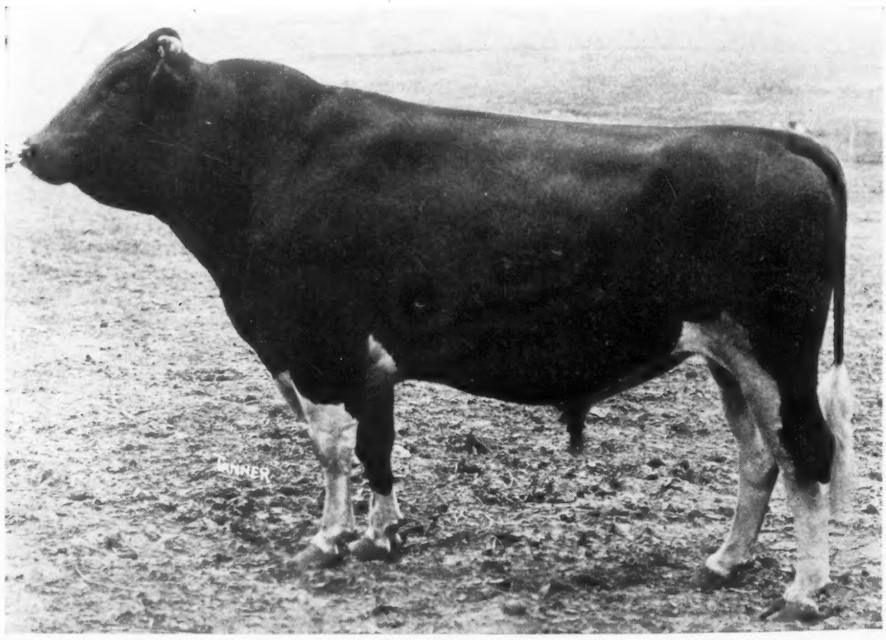


KING MUTUAL KORNDYKE

A son of Finderne Mutual Fayne, the world's only 1200 2-year-old.

Our herd contains the highest combination of 365 and 7 day records of any herd in the world.

We have 20 cows with 7-day records above 30 lbs. Two have above 40 lbs. We have 10 cows above 1000 lbs. butter for the year and 18 above 900 lbs. butter for the year. There are three cows in the world that have as high as 41 lbs. butter for 7 days and 1280 lbs. butter for the year. We have two of them. Think what it would mean to your herd to have a bull with these records back of him.



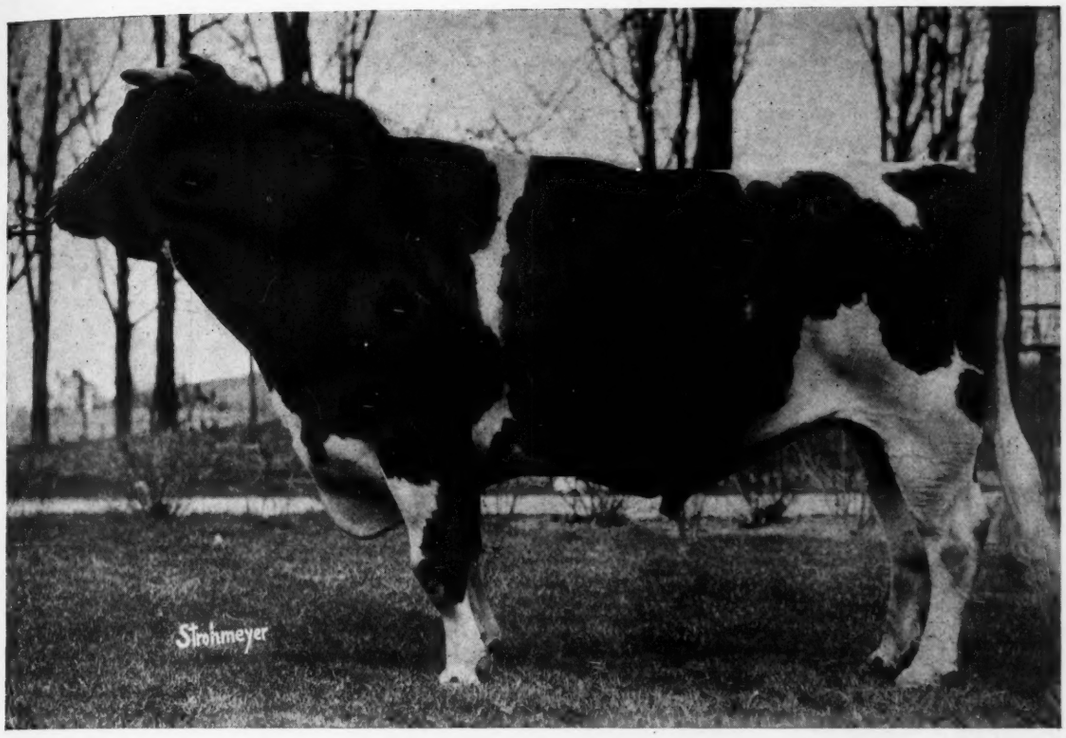
KING PIETERTJE ORMSBY PIEBE

Highest yearly record bull in the world.

His dam and sire's dam average 1312.39 lbs. butter and 29,641.7 lbs. milk for yearly record. His dam is world's record 4-year-old for both milk and butter.

HARGROVE & ARNOLD **Norwalk, Iowa**

ORMSBY KORNDYKE LAD



To date, Ormsby Korndyke Lad has fourteen 30-pound daughters (46 per cent of his entire list) an achievement unequaled by any sire of his age.

Ten of his daughters show an average production of 650 pounds of milk in seven days.

He has produced two world's record heifers in the 8 months after calving division; one world's record heifer in the 1 year division for milk production and one American champion for 7 and 30 days' milk production.

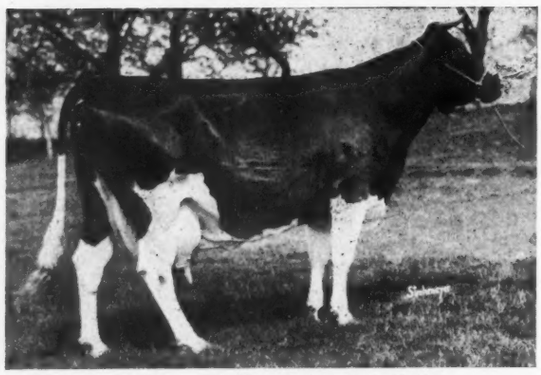
Turn the page for the best part of the story

BEAVER DAM STOCK FARM

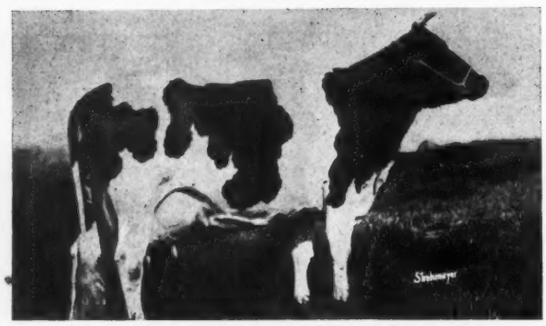
JULIUS SCHMID, Owner

MONTGOMERY - - - New York

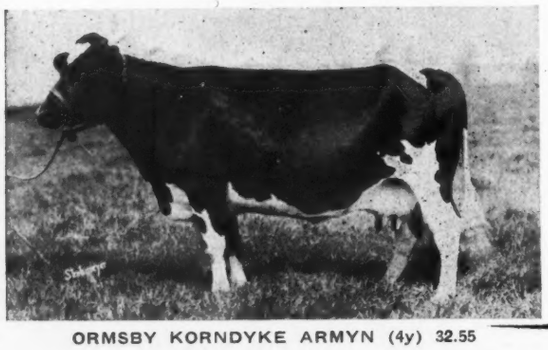
MABEL ORMSBY PONTIAC (3y) 36.28



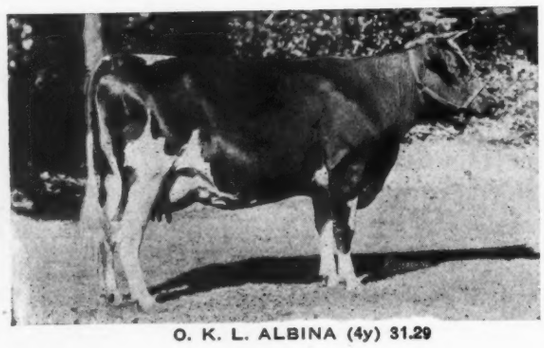
O. K. L. PEARL TULA (5y) 35.43



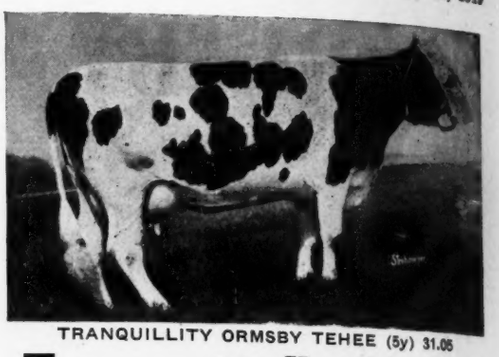
O. K. L. ROYAL BEETS (4) 35.00



ORMSBY KORNDYKE ARMYN (4y) 32.55



O. K. L. ALBINA (4y) 31.29



TRANQUILLITY ORMSBY TEHEE (5y) 31.05

The Fourteen 30-lb. Daughters of

MABEL ORMSBY PONTIAC

At 3 yrs 10 mo 1 day—		Butter 14 days	73.51
Butter 7 days	36.28	Milk	1244.1
Milk	607.3		

O K L PEARL TULA

At 5 yrs 2 mo 28 days—		Best day	85.8
Butter 7 days	35.43	At 2½ years—	
Milk	709.3	Butter	21.01
Butter 30 days	139.48	Milk	378.40
Milk	2782.7	8 mo after calving—	
Best day	103.1	Butter 7 days	19.19
At 4 yrs 3 mo 21 days—		(Former world's record)	
Butter 7 days	30.62	Milk	374.30
Milk	562.50	Butter 1 year	907.29
Butter 30 days	127.18	Milk	19319.7
Milk	2228.3		

O K L ROYAL BEETS

At 4 yrs 6 mo 8 days—		Best day	124.7
Butter 7 days	35.00	Butter 30 days	137.39
Milk	809.9	Milk	3232.

U. S. Champion 4-year-old milk producer.

O K L ARMYN

At 4 yrs 2 mo 9 days—		Milk	2624.3
Butter 7 days	32.55	Butter 1 year	910.9
Milk	584.4	Milk	19361.6
Butter 30 days	133.51	Best day	96.2
(Former state record)			

O K L ALBINA

At 4 yrs 6 mo 7 days—		Milk	465.6
Butter 7 days	31.29	(Both former world's records)	
Milk	685.1	Butter 1 yr	962.9
Best day	102.2	Milk	22270.5
Butter	2y 23.65	(Former world's record for milk)	
Milk	482.7	Best day	78.5
Butter, 8 mo after calv.	23.4		

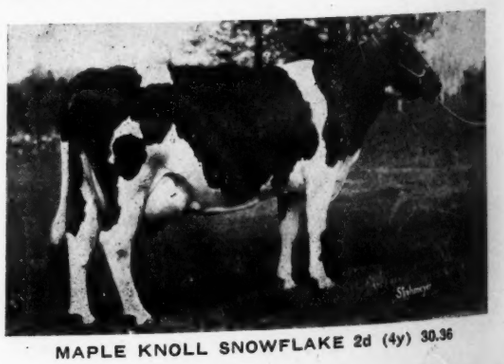
TRANQUILLITY ORMSBY TEHEE

At 5 yrs 11 mo 24 days—		Milk	551.06
Butter 7 days	31.05	Best day	84.0

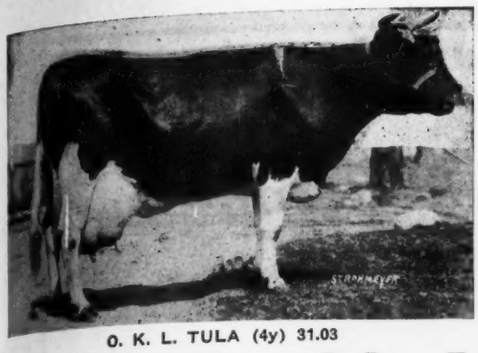
O K L TULA

At 4 yrs 6 mo—		Butter 30 days	115.1
Butter 7 days	31.03	Milk	2264.9
Milk	515.1	Best day	86.6

All Are Now Owned and Were Developed at BEAVER DAM ST



MAPLE KNOLL SNOWFLAKE 2d (4y) 30.36



O. K. L. TULA (4y) 31.03

# of Ormsby Korndyke Lad

ORMSBY KORNDYKE PEARL MOOIE

At 5 yrs 2 mo 8 days—		Milk	711.4
Butter 7 days	30.33	Best day	107.5

O K L ANDIRE POSCH

At 3 yrs 9 mo 12 days—		Butter 30 days	123.82
Butter 7 days	30.25	Milk	2428.3
Milk	519.3	Best day	96.1

MAPLE KNOLL ARMYN

At 5 yrs 4 mo 17 days—		Milk	501.0
Butter 7 days	30.39	Best day	94.0

O K L ALEXANDRA

At 3 yrs 8 mo 9 days—		Butter 30 days	113.97
Butter 7 days	30.33	Milk	2014.6
Milk	519.7	Best day	77.0

O K L PEARL

At 5 yrs 2 mo 28 days—		Butter 30 days	114.3
Butter 7 days	30.64	Milk	2299.8
Milk	597.5	Best day	97.4

MAPLE KNOLL SNOWFLAKE 2d

At 4 yrs 10 mo 12 days—		Butter 30 days	111.7
Butter 7 days	30.36	Milk	2529.5
Milk	627.3	Best day	94.5

BEAVER DAM ORMSBY JOHANNA

At 3 yrs 10 mo 10 days—		Butter 14 days	54.57
Butter 7 days	30.55	Milk	1121.4
Milk	569.1	Best day	83.00

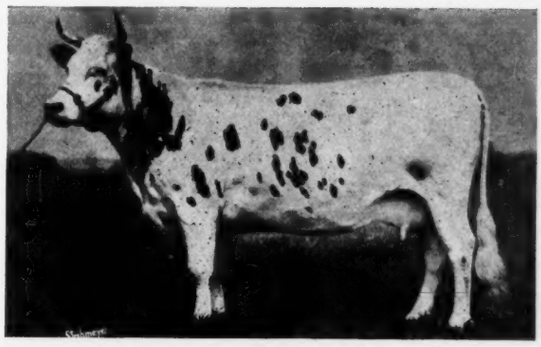
THESE pictures show the wonderful individuality and uniform dairy type of his daughters.

THESE records demonstrate their ability to produce.

HERE is the story! Let the Holstein public be the judge.

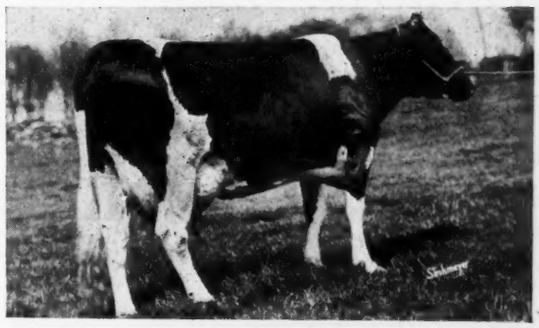
STOCK FARM **MONTGOMERY New York**

BEAVER DAM ORMSBY JOHANNA (3y) 30.55



O. K. L. ANDIRE POSCH (3y) 30.25

MAPLE KNOLL ARMYN (5y) 30.39



O K L PEARL (5y) 30.64

ORMSBY KORNDYKE PEARL MOOIE (5y) 30.33

O. K. L. ALEXANDRA (3y) 30.33

A Son of a Wonderful Producing Cow

and

Sired by a Son of a World Record Cow

A nice straight individual, beautifully marked, being about equally black and white. Born Nov. 3, 1918, and a large calf for his age. His three nearest dams average 30.155 lbs. butter in 7 days.

HIS SIRE

The Noted Sir College Cornucopia 2d with nine A. R. O. daughters. He is transmitting 50 per cent world's record blood to all his offspring being a son of College Belle Wayne who held world's record for combined butter and milk with the following records:

7 days butter	35.375 lbs.
Milk	824.2 lbs.
30 days butter	145.68 lbs.
Milk	3338.1 lbs.

HIS DAM

Miss Shadeland Rhoda Beets, 27.908 lbs. butter, and 558.2 lbs. milk in 7 days from ¾ udder. (2 A. R. O. daughters, one with 28.994 at 3 years) is a granddaughter of King Segis. This cow has had twins for three successive years.

This is a popular priced calf and can't be beat for the money. Write us for further particulars.

WESTKOTA FARM **Belle Fourche, S. D.**

M. J. SMILEY, Owner

Established **Brookside Herd** **in 1876**

"The Fountain Head of Holstein-Friesian Aristocracy"

R. J. STEVENS, Owner -:- -:- **Liverpool, New York**

A Rare Combination of Breeding

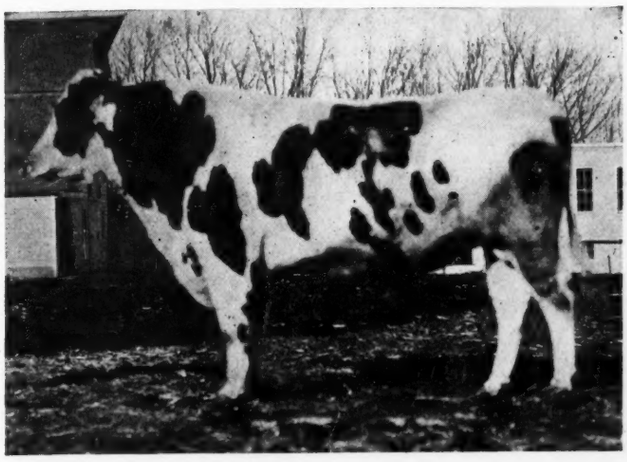
A son of **Sir Pontiac Waldorf Pietje** out of a daughter of Pontiac Clothilde De Kol 2d.

His dam has 26.71, sire's dam 36.31, dam's dam 37.21. His seven nearest dams average 30.41. He is a wonderful individual.

I believe here is one of the best bred youngsters that can be found in many days journey. Perhaps from the standpoint of sensation some of the forty pound breeding leads a man away from the SOLID, CONSTRUCTIVE sort of breeding but I know that here is a combination of blood that is of the sort that has made the breed what it is, breeding that will put a man on a breeding basis that cannot help but make his herd. The records in his backing are some of the greatest from a real merit standpoint, that have ever been made in the breed. Pontiac Clothilde De Kol 2d is considered, even today, by many breeders, to be about the greatest cow the breed has ever produced. Lady Waldorf Pietje is generally acknowledged to be one of the greatest cows of the breed today. But these are not the only great ones in the pedigree. The more you study it the better you like it. If you want a real herd sire to build up a herd of production and individuality—BUY THIS CALF.

Born December 16th, 1918 **Nine Tenths White** **Write for Price**

WOODCREST SIR CLYDE



TO HEAD THE HOME FARM HERD

A Proven Sire and Prize Winner.

Sired by the Best Son of Pietje 22d

From the Best Daughter of Sir Clyde

SIX 20-LB. TWO-YEAR-OLD DAUGHTERS

15 A. R. O. Daughters 3 Above 22 Lb. 1 With 25.51

After limited service in the Woodcrest Herd and more liberal use in the Avondale Herd, he has been installed as senior sire in our herd to be crossed on the daughters of King Korndyke Sadie Vale 24th and Sir Sadie Cornucopia. He has met with an unusual degree of success as a sire and his list now includes all these great heifers—all as two-year-olds:

Belle De Kol Pontiac 2d	25.51
Pontiac Sara Pietje	22.61
Avon Pet	22.01
May Echo Sylvia Pietje	21.08
Lady Wal. Pietje Clyde	20.60
Lady Pontiac Allie	20.03
Average	21.98

He was regarded in Canada as one of the very finest individual sires ever imported into the Dominion and we believe he will today compare favorably with any sire of his age in the United States. He has a back line absolutely without fault, carries a tremendous middle supported by a strong straight back, his legs are straight and squarely placed, he is handsomely colored, has an abundance of quality, handles most pleasingly, is as stylish as a Hackney—full of vigor and every inch a real bull.

He is a full brother in blood to Woodcrest Pietje Clyde one of whose daughters made over 26 lb. as a junior 2-year-old and two others also made over 20-lb. as junior 2-year-olds.

He is also from the same dam as a sire now doing service in the noted Pabst Herd at Oconomowoc, Wisconsin, and is a FULL brother to Woodcrest Pietje Alma with a record of 30.22 lb. butter from 564 lb. milk.

He is sired by PIETJE 22d's WOODCREST LAD, the best proven son of Pietje 22d and sire of Fairmont Zerma Segis Pietje (35.61-lb.), the former world champion junior 4-year-old, also 48 others with records up to over 30 lb. Pietje 22d Woodcrest Lad is a full brother to Pietje 22d Son with four 30-lb. daughters and also to the three daughters of Pietje 22d all of which made over 25 lb. in 7 days and over 100 lb. in 30 days.

His dam is ALMA CLYDE that several years ago made over 33 lb. in 7 days, 136 lb. in 30 days and seven years ago made 970 lb. butter from 22558 lb. milk which production was exceeded by but eight other full aged cows during that year. She is the best seven-day record daughter of Sir Clyde—she is also his best year record daughter.

Our other sire, King Korndyke Sadie Vale 24th is by one of the best representatives of the Sadie Vale line while his dam is a daughter of Elzevere Barnum De Kol, as good a foundation cow as ever lived. Herd consists largely of daughters of K K S V 24th and **Sir Sadie Cornucopia**, son of Sadie Vale Concordia, sire of 50 daughters, 4 over 31 lb., one with three 30-lb. records and one with two over 30 lb.

It is a combination of these two great families joined with that of Pietje 22d and Alma Clyde that we will soon be in a position to offer.

The first calves by Woodcrest Sir Clyde will arrive in July.

We will be glad to place your name on the list for one of his sons from one of our good producing dams.

W. B. BARNEY & SONS—Chapin, Iowa

STILL GOING

More Semi-Official Cows Added to Our List.

Pontiac Virginia No. 138246

Butter (365 days) 956.8
Milk (365 days) ..... 23,973.

Pontiac Berenice No. 158848

Butter (365 days) 1007.1
Milk (365 days) ..... 22,756.

Pontiac Irene, No. 351698

Champion Senior two-year-old (8 months after calving)
Butter (10 months) ..... 966.
Milk (10 months) 22,788.5

BULL CALVES FOR SALE

PONTIAC STATE HOSPITAL

E. H. HALSEY, Steward PONTIAC, MICHIGAN

WOODCROFT PERFECTION

No. 199441

is the only son of the first 40-lb. cow to have a yearly record of over 1,000 lbs. of butter in a year.

His dam, Lady Perfection Korndyke, was also the Grand Champion Show Cow of Colorado.

This great cow produced—

At 5 years

37.41 lbs. of butter in 7 days.
1046.12 lbs. of butter in 365 days.
27008.40 lbs. of milk in 365 days.

At 6 years

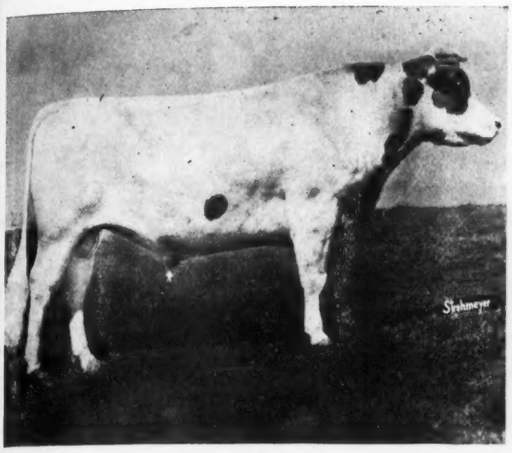
40.25 lbs. of butter in 7 days.

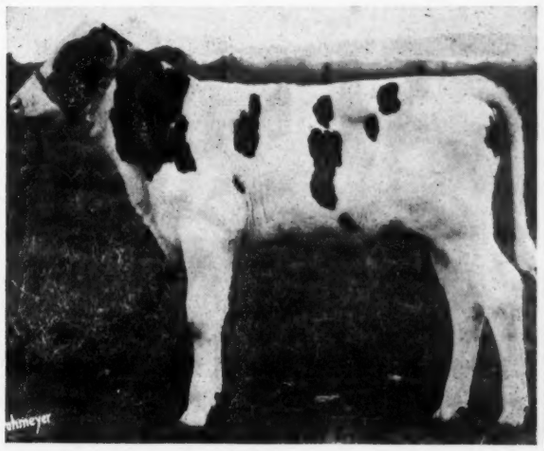
She is dead. The way to get this blood is through her son, **Woodcroft Perfection.** We have them from two to six months old and out of some of our best cows. Herds tuberculin tested.

Owners { AITKEN BROTHERS, BAIRD BROTHERS, S. A. BAIRD & SON
MUCKLESTON BROTHERS and D. J. HOWELL, Waukesha, Wis.

BLOOMINGDALE FARMS SINCE 1889

HEADED BY





KING MODEL

King Model is a son of King Segis Champion from Mabel Segis Korndyke, 40.32 lb., famous as the first animal of the breed under full age to cross the 40-lb. mark and today world champion in the 30-day division with her record of 165.22 lbs butter. King Model, who is by the same sire as Belle Segis Champion, 37.15 lb., carries 50 per cent of the blood of King Segis De Kol Korndyke, a son of King Segis from Pontiac Clothilde De Kol 2d, the first 37-lb. cow of the breed, also the first cow of any breed to produce over 1000 lbs. butter fat in a year. The first daughter of King Model to be tested has made over 25 lbs. as a 2-year-old. He is one of the finest individual sires of the breed and is noted as a getter of very handsome offspring. In fact, the greater part of his popularity is due to the individuality of his get. He is now senior sire at Bloomingdale.

BLOOMINGDALE KING FAYNE

Bloomingdale King Fayne is the only bull whose three nearest dams are the three highest record cows in the United States. He is sired by a son of Segis Hengerveld Fayne Johanna, 47.35 lb. His dam is Pietertje Fayne Johanna, 48.17, the highest record daughter of Segis Fayne Johanna, 50.68 lb., the first 50-lb. cow. This combination of records results in the following average for his three nearest dams

BUTTER 48.73

His dam and grandam hold the world's record for dam and daughter, while the world's record for three generations is held by his dam, grandam and great grandam. His seven nearest dams average 42.34, which average can be equalled by no other calf in the world. The following former world champions were either bred or developed at Bloomingdale:

Segis Fayne Johanna (the first 50-lb. cow)	50.68	Bloomingdale Hengerveld Ormsby (former world champion junior 3-yr-old)	31.46
Pietertje Fayne Johanna (3d highest record cow)	48.17	Pauline Jamaica De Kol 3d (former world champion senior 3-year-old) 3½y	30.70
Segis Hengerveld Fayne Johanna (4th highest record cow)	47.35	Johanna Creamelle Fayne (former world champion yearling)	23.56
Vikina Johanna (world's champion 14-year-old)	39.43	Bloomingdale Hengerveld Aaggie (former world champion junior 2-year-old) 2y	23.04
Finderne Pietertje Johanna (former world's champion junior 3-year-old)	35.20		

King Model and Bloomingdale King Fayne (who is being retained as our junior sire) will serve as successors to three of the very greatest sires that ever headed an individual herd, these being successively Johanna Rue 3d's Lad (sire of the highest record living long distance cow and grandsire of the first 50-lb. cow), Hengerveld De Kol (the first sire with ten 30-lb. daughters) and King Fayne Segis (son of the former world champion and sire of the first 50-lb. cow). No other herd in the world has ever had at its head three sires that have accomplished as much as have these three bulls. Bloomingdale herd as it is today contains more of the blood of these three sires than can be found in any other herd in the world. It contains the highest record daughter of Hengerveld De Kol and a large number of close descendants of the first 50-lb. cow and the only cow with two 47-lb. daughters.

We have for sale at the present time some very handsome young bulls.

We are conveniently located only a short distance from Philadelphia and breeders from both the east and west in attendance at the annual convention are urgently requested to visit the place where the champions are bred.

BLOOMINGDALE FARMS M. W. Faltoute, Pres. Jacob Reger, Supt. A. S. Cortelyou, Sec'y. **Somerville, New Jersey**

Where the Three Greatest Cows In the U. S. Were Bred

WINTERTHUR FARMS

HOME

King of the Ormsbys

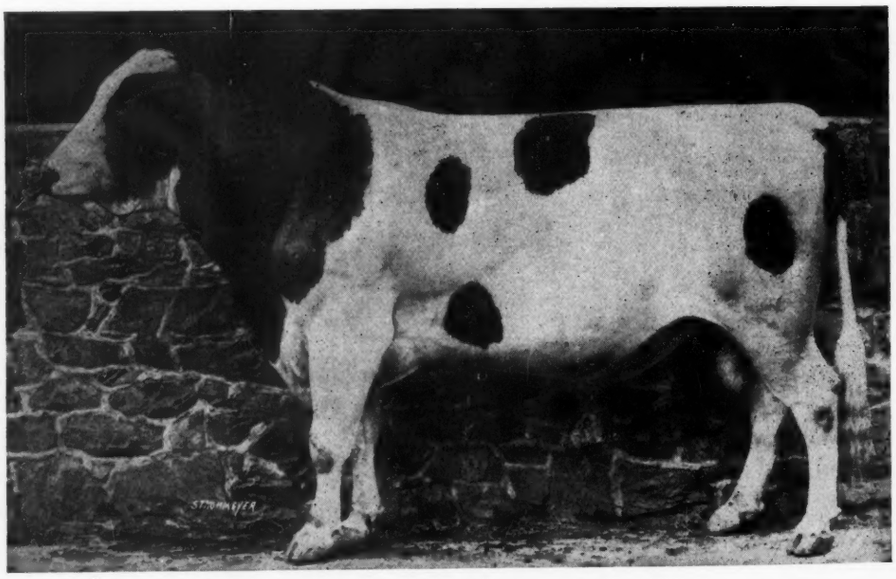
King of the

The Spring Brook Bess

Invite All Those Attending the Philadelphia National Convention

100 GRANDDAUGHTERS AND 80 GREAT

A Little Less than One-Half of Them



SIR INKA PRILLY SEGIS

SIR

A Son of

and

We Want You
24-Lbs. of
Freshening and

His Daughters Are On Yearly Work and the First Finishes Her Record in June Has to

THEY ARE AN UNUSUALLY TYPY, STRAIGHT-BACKED

Ask Mr. Moyer About Them and Consider Buying Their

Winterthur Farms are on the Phila. & Reading R. R. 6 miles from Wilmington (Phone. 2201

Winterthur, Delaware :-:

OF

King of the Sadie Vales

Pontiacs

Burke 2d Family

and Sale to Come and See Their Herd Consisting in Part of

GRANDDAUGHTERS OF KING SEGIS

Are Sired by Our Senior Herd Sire

INKA PRILLY SEGIS

King Segis and a 30-Lb. Granddaughter

Great Granddaughter of Old Prilly

Particularly to See These Heifers with Seven-Day Records Up to Butter and Milking as High as 80-Lbs. a Day at the First with Good Year Records in the Making.

Her Credit Approximately 686-lbs. of Butter and 20,653.9-lbs of Milk (295 Days)

LOT WITH PARTICULARLY WELL BALANCED UDDERS

Sons by King of the Ormsbys and King of the Sadie Vales

Wilmington). Frequent trains from Philadelphia to Wilmington on the B. & O. and Pennsylvania R. R.

OUR WONDERFUL SUCCESSOR TO THE WORLD'S GREATEST PRODUCING AND TRANSMITTING SIRE

COLANTHA JOHANNA LAD

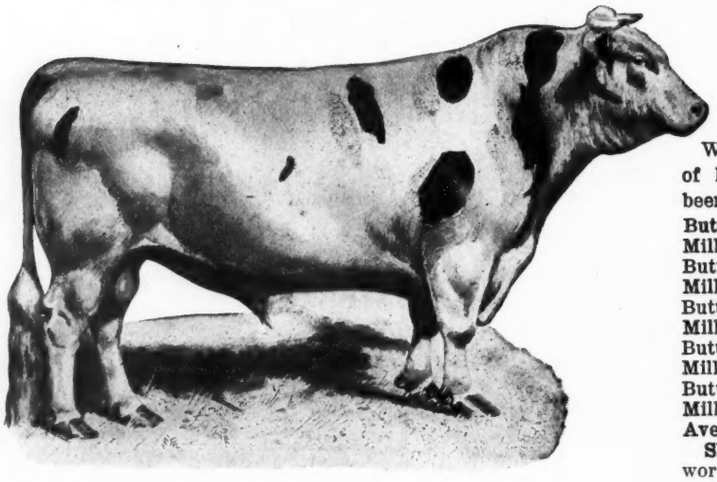
120 A. R. O. Daughters—89 Producing Sons
22 From 30 to 36 lbs. Butter—29 From 600 to 750 Milk 7 Days

KING ORMSBY JANE RAG APPLE

(No. 208883)
We Paid at Auction, $53,200.00

We are using him on the daughters and granddaughters of Colantha Johanna Lad and Aaggie Cornucopia Pauline and all of our great cows to double up the already phenomenal production of these great producing animals.

Are we doing it right?



Wonderful record of his dam. Never been equalled.

Butter 7 days	46.33
Milk	879.40
Butter 30 days	183.16
Milk	3241.00
Butter 60 days	360.31
Milk	6231.70
Butter 90 days	509.03
Milk	9188.90
Butter 100 da	566.93
Milk	10151.70
Average fat	4.46

She has held 17 world's records.

Bull calves for sale of the above Breeding.

DAM—ORMSBY JANE SEGIS AAGGIE

Butter 7 days	46.33
Milk 7 days	879.40
Average Record of his dam and sire's dam	42.18
Brother to the youngest 42-lb. cow	42.42
Brother to the youngest 30-lb. cow, 24m	30.18
His sire is 75 per cent the same blood as the sire of:	
Fairview Korndyke Mata, butter 7 days	47.11
30 days	185.37
Korndyke Winona, butter 7 days	42.16
Milk 7 days	750.00

World's Greatest Producing Sires and Dams.

COMPARE THE 100-DAY RECORDS OF THE OTHER SIX GREATEST COWS IN THE WORLD

His dam—Ormsby Jane Segis Aaggie, 566.98 lbs. butter.

Duchess Skylark Ormsby	487.01	ercess by 79.97 lbs.
Finderne Holingen Fayne	482.23	excess by 84.75 lbs.
K. P. Pontiac Lass	465.16	excess by 101.82 lbs.
Johanna De Kol Van Beers	460.17	excess by 106.81 lbs.
Pontiac Clothilde De Kol 2d	456.97	excess by 110.01 lbs.
Finderne Pride Johanna Rue	443.87	excess by 123.11 lbs.

Buy a Bull From Us and Double Up Your Production

NOTED FIELD HERD **Oak St., Montello, Mass.**

Owned by D. W. FIELD FARM CO.

Lilliberk Farms

This Is A New Name In Holstein Circles

This Name Will Stand For Quality

Quality means production, individuality, breeding and size.

This name hereafter will be recognized as a home of high yearly record Holsteins made under normal conditions.

To get these necessary qualities we have obtained herd sires of superlative individuality, breeding and size. This makes half of my herd, irregardless of desired goals.

We have secured females to match these qualities and from the greatest producing strains in the breed.

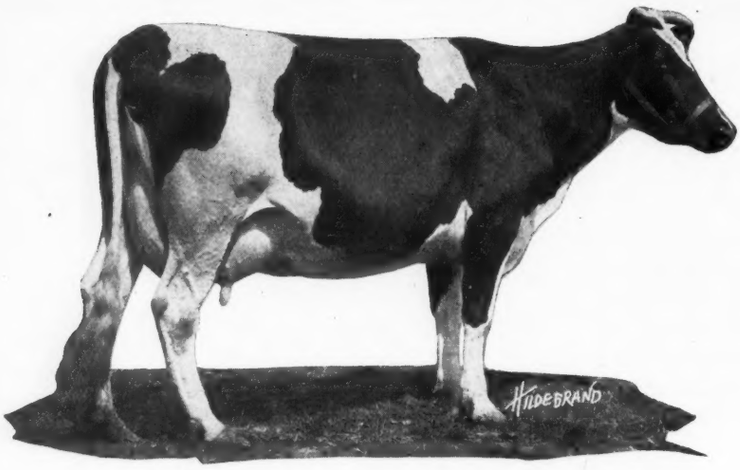
We have now told you of our plans, and next week we will tell you about one of the best bred bulls in America.

Watch for him, as he is well worth watching for.

HOMER, MICHIGAN

J. F. BERKHEIMER
Owner

J. G. COLEMAN
Herd Mgr.



KAYEWOOD JOYCE KORNDYKE
"Champion of the State"

America' Qu

CHAMPION of t

"The in
Utmost

BELL H

BELL FARM

Under Federal State S

Some of Our Great Cows

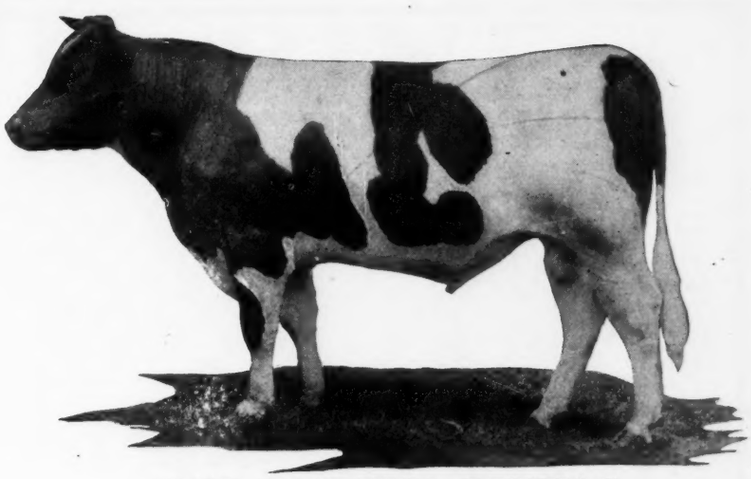
	Butter	Milk
MABEL SEGIS KORNDYKE	40.32	610.2
KAYEWOOD JOYCE KORNDYKE	39.13	
FAIRFIELDS INKA D. K. KORN.	33.09	603.3
COLANTHA ALGRETTA PONTIAC	33.03	657.0
CARRIE COLANTHA ARTIS	32.51	503.8
RETTA DE KOL MAIDA	31.42	710.2
WATSON SEGIS PONTIAC	31.85	
PABST CYNTHIA	31.20	503.1
PRINCESS ROSE AAGGIE 2d	30.07	564.9
EMBLAGAARD COLANTHA BAKKER	30.79	528.0
LUCILE INKA SEGIS	30.56	647.8
BLOOM. HENG. PALMYRA	30.40	593.0
HAPPY HOME VERA ORMSBY	30.09	523.3
K. V. P. H. COLANTHA (3y)	30.04	560.0
AVON PIETJE KORNDYKE QUEEN 2d (3y	29.69	423.3
OLATHE JOSEPHINE DE KOL	29.59	496.5
NORTH STAR SKYLARK ORMSBY	29.60	544.9
TOBE KORN. D. K. HENGERVELD	29.55	378.7

The foundation of the Bell herd is built entirely upon individuality in combination with the best records possible to obtain without sacrificing the former qualification. They are all great, big, strong, handsome, well-grown individuals, carrying evenly balanced, well placed udders and represent very thoroughly all of the best producing families of the breed. The herd now contains daughters of all the famous old time sires, such as Hengerveld De Kol, King of the Pontiacs, King Segis De Kol Korndyke, etc.

Founded On The Blood of Mabel Segi Kornd

Quality Herd of the STATE

in Quality Holsteins"



KING VALDESSA PONTIAC
"The Premier Sire"

HERD

CORAOPOLIS, PENNA.

State Supervision

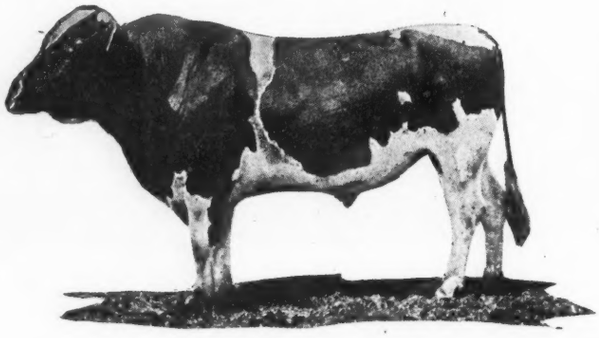
Our Herd Sire

King Valdessa Pontiac "The Premier Sire," a son of Mabel Segis Korndyke (40.32), the first heifer of the breed to cross the 40-lb. mark. His sire is King Valdessa, a son of Valdessa Scott 2d (41.87), better known as the breed's first 40-lb. cow. His sire's sire is Spring Farm Pontiac Cornucopia, a son of K P Pontiac Lass, the first 44-lb. cow of the breed. His outstanding individuality, his matchless breeding together with the reproducing powers of his ancestors caused us to select him as the most desirable sire to head the Bell herd. He has fulfilled our every expectation. His offspring are very beautiful individuals, straight over the back and are thoroughly representative of the quality of the animals we are striving so hard to breed. He is today one of the best known sires of his age.

Bell Farm, one of the model institutions of the East, is located at Coraopolis, twelve miles from Pittsburg. A special invitation is extended to all those in attendance at the annual meeting to visit the farm and herd and see just what we have been able to accomplish during the past 15 months. Pittsburg is about nine hours ride from Philadelphia and we will be glad to arrange to take you to the farm upon receipt of advance information.

Korndyke—The Breed's First 40-lb. Heifer

Sir Veeman Hengerveld



is now past his fifteenth birthday. He is hale and hearty, still in active service and has proven himself one of the greatest sires that the breed has ever produced. Starting in my herd when I had only 8 purebred cows to breed to him, and never bred to a large number of cows, he has achieved the following:

110 A. R. O. daughters, 17 of them with records above 30 lbs., the most of any living sire.

Three of his daughters average over 1100 lbs. butter and over 24,000 lbs. milk in a year and only a very few of his daughters have ever had an opportunity to be tested for the year. He has a large number of young daughters coming on which will be heard from later.

W. D. ROBENS **Poland, N. Y.**

FOR SALE

A SON OF FINDERNE PRIDE JOHANNA KORNDYKE

FROM WOODCREST PIETJE PONTIAC 31.68

A beautiful white individual, whose fourteen nearest dams average 29.20, with yearly backing on both sides.

Write for pedigree and photograph.

This is simply one of a dozen wonderful young bulls for sale at Antrim Farms, all at prices you can afford to pay. Any one is a credit to your herd.

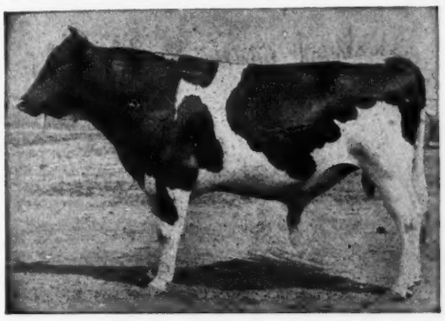
Don't forget to call us up when you are in Syracuse. We want you to visit the farmers.

We have about twenty yearling heifers for sale at this time.

ANTRIM FARMS

C. L. AMOS, Proprietor **SYRACUSE, N. Y**

LONE PINE

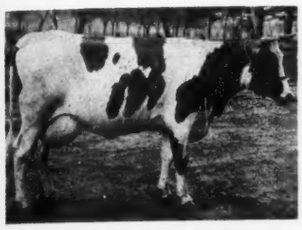


HIS SIRE SIR PIETERTJE ORMSBY MERCEDES

SIR PIETERTJE ORMSBY MERCEDES 37th

HIS DAM SPRING BROOK BESS BURKE 2d

and Some of His Handsome Daughters



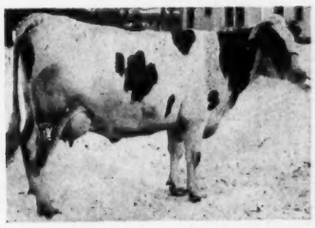
Princess Colantha Ormsby Jewel

Wisconsin Fobes 5th

Aaggie Mercedes Plebe

Daisy Queen Pietertje Ormsby

Ponderosa Grace Piet. Ormsby



Princess De Ormsby

The Above Are Typical Daughters of Sir Pietertje Ormsby Mercedes 37th

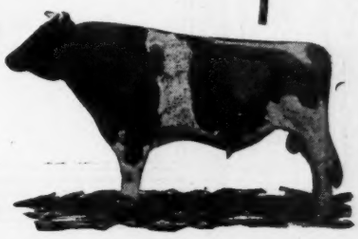
He is enjoying remarkable success for a young sire. His first daughters are just coming into development and at the present time his list includes two junior 2-year-old daughters with records above 25 lbs., two senior 2-year-old daughters with records of 24 and 29 lbs. and two junior 3-year-old daughters with records of 27 and 30.08 lbs.

One of his daughters is the Wisconsin state champion 29-lb. first calf 2-year-old. Another of his daughters is Wisconsin state champion 27-lb. junior 3-year-old. One of his first 3-year-old daughters to be tested made 30.08.

Sir Pietertje Ormsby Mercedes 37th is a full brother to Bess Johanna Ormsby with a 3-year-old record of 40.71 lbs. butter from 657.6 lbs. milk and a year record of 881 lbs. butter from 17,800 lbs. milk as a 2-year-old. He is also a full brother to King of the Ormsbys, the great sire in use at Winterthur, Allamuchy and Tranquillity Farms. He is sired by Sir Pietertje Ormsby Mercedes with eight 1000-lb. daughters, more than any other bull of the breed. His dam is Spring Brook Bess Burke 2d, the largest dairy cow in the world and the only cow of any breed having three 1000-lb. records made in connection with three 35-lb. 7-day records. His second dam is Spring Brook Bess Burke, the only 1000-lb. cow of the breed with three 1000-lb. daughters.

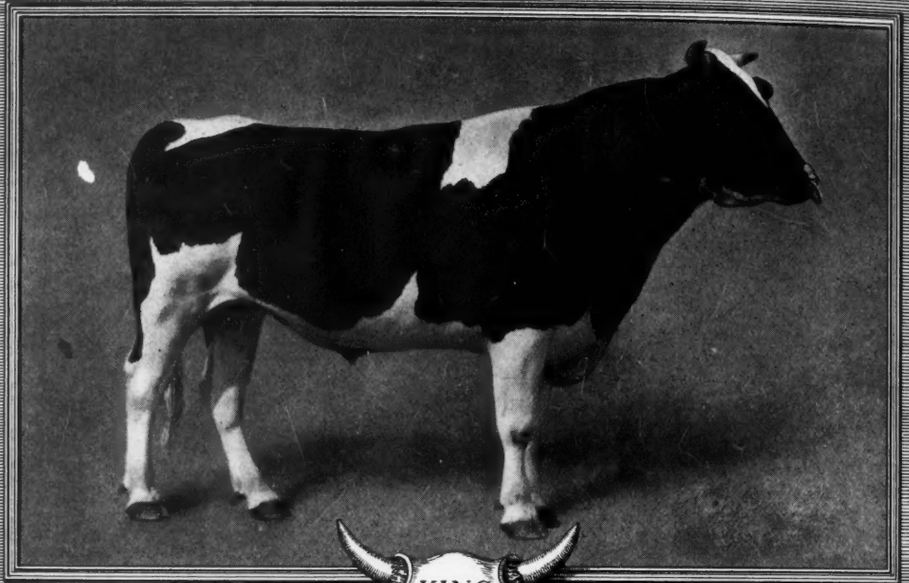
Just at the present time we can offer some very attractively bred sons of Sir Pietertje Ormsby Mercedes 37th from some of the great foundation cows in the Lone Pine herd.

LONE PINE STOCK FARM



JOHN ERICKSON

WAUPACA Wisconsin



KING
PONTIAC
RELIANCE

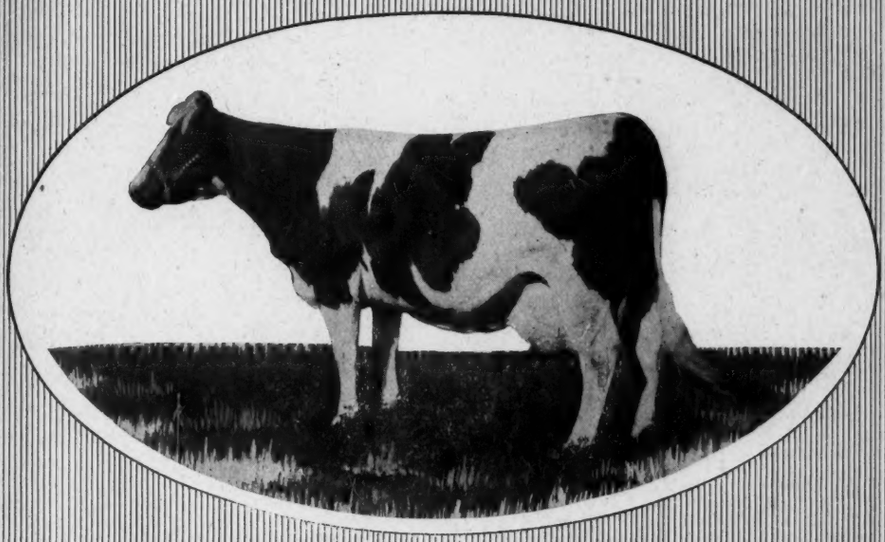
ONEIDA·COMMUNITY·HERD

Tuberculin tested under Federal Supervision.

Herd numbers over 200 head. No females for sale just now. Just a few very fine young bulls.

Send for bull catalog.

ONEIDA
COMMUNITY FARMS
KENWOOD
Madison Co., N. Y.



TILLY ALCARTRA

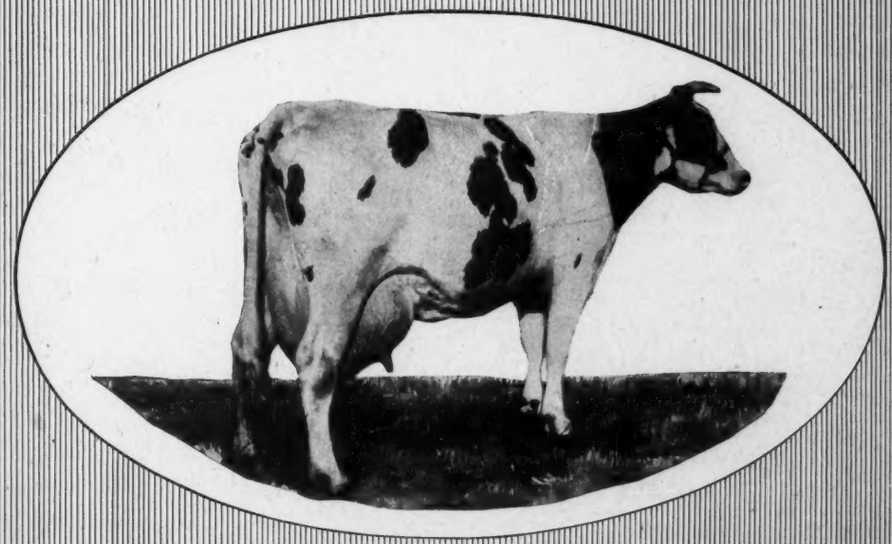
Long-distance Champion over all ages and breeds

33,425.3 lb. milk in 1 year; 156776.6 lb. in 6 years, 1,323.03 lb. butter in 1 year; 6142.15 lb. in 6 years.

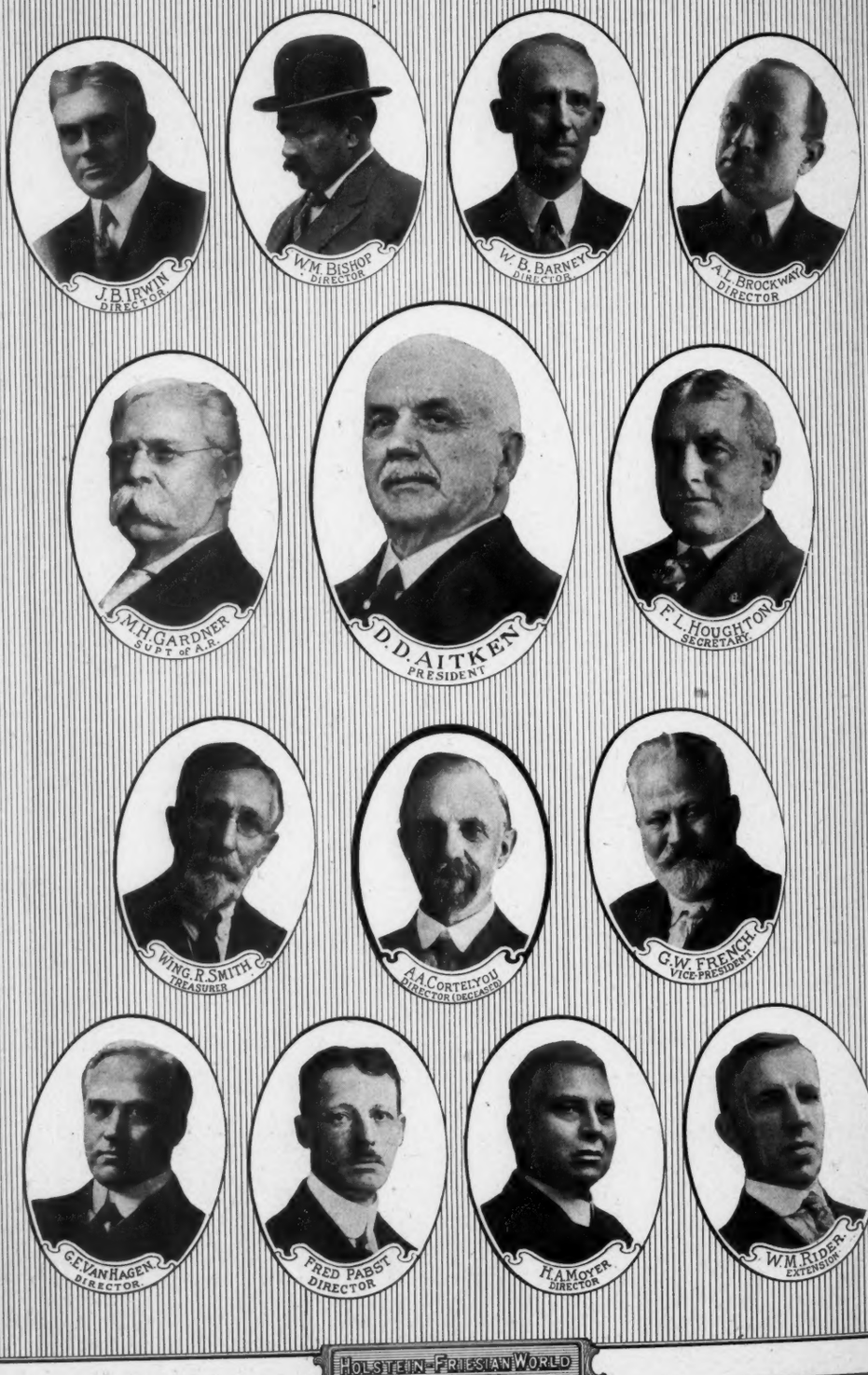
MAY ECHO SYLVIA

Perennial Champion in Short Time Work

1005.8 lb. milk, 41 lb. butter in 7 days. 5 records above 759 lb. milk, 33.9 lb. butter.



OFFICIALS of the NATIONAL ASSOCIATION



HOLSTEIN-FRIESIAN WORLD
CONVENTION NUMBER
1913

Holstein-Friesian World

Vol. XVI. Lacona, N. Y., and Syracuse, N. Y., May 24, 1919 No. 21

A Review of the Past Year's Work

By M. S. PRESCOTT

THE story of the fiscal year 1918-19 is a story of progress, greater perhaps than any other single year can show. More great records have been made, more members have joined the Association, more breeders are actively interested in Holstein cattle than ever before; and in spite of abnormal conditions in the labor and feed markets, we believe the general run of Holstein breeders have made more money during the past year than ever before.

Public Sale Prices

An inspection of the public sale reports that have appeared in the World during the year, reveals the interesting fact that the latter half of the current year is establishing a price level far and away above any previous period. According to figures compiled by the secretary of our Association during the period from January 1 to June 30, 1918, 8635 head of cattle were sold in public sales at an average price of $292.92; while during the last half of 1918—July 1 to Dec. 31—5902 head were sold at an average per head of $216.03. This apparent recession in price comes from the fact that during the earlier period there were included the Milwaukee sale, with its total above $400,000, the Pine Grove Sale, which averaged above $920, and A. W. Green's sale, which averaged $815. During the period from Jan. 1 to April 30—the first four months of 1919—the World has received reports of 54 sales totaling 3714 head, that have brought an average price of $340.72, and it is significant that this period does not include the three great sales scheduled for May and June at Philadelphia, Pine Grove Farms and A. W. Green's farm. Especially significant is the fact that 26 of these 54 sales, or practically a half of them, showed an average of better than $300, the highest average since January 1 being that of the California Breeders' Guaranty Sale, which averaged $1045.50, the world's record average for a one day sale; 24 average from $200 to $300, while only four sales in this entire period fall below the $200 mark; 2 were small sales in Canada. During the month of May, 1919, there are 34 days of sales scheduled, with approximately 2700 head of cattle, which will bring between $1,200,000 and $1,300,000 and which should bring the average for the first five months of 1919 above $400 per head, and the June sales including the Philadelphia sale and Minnesota Breeders' Sale, and Green's Wisconsin sale, practically guarantee that the sales for this month will maintain the general average for the first half of 1919. These prices furnish the main reason for the general prosperity of the breeders of Holsteins.

WHERE THE PROGRESS OF THE BREED IS RECORDED
Office of M. H. Gardner, Supt. of A. R.

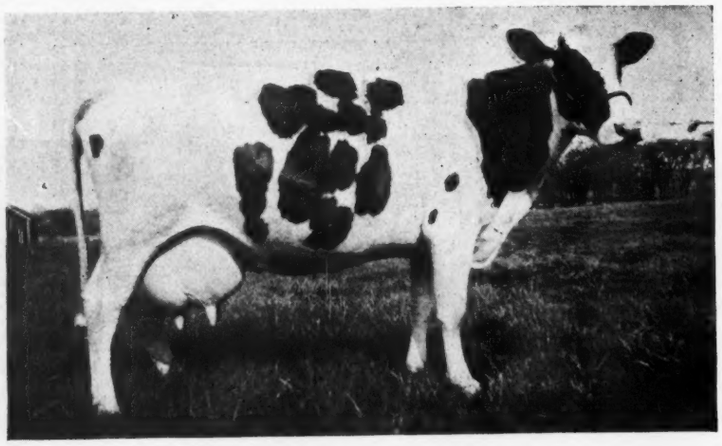
ROLO MERCENA DE KOL

Prices Following Natural Laws

This condition illustrates the economic fact that there is a very close relation between the Holstein breeding business and the business of dairying. Past experience has shown that when prices for milk advance, the prices of grade cows are first affected, and later the prices of purebreds. This sequence has been followed in the present situation as the market for grades took an upward trend about a year in advance of the material rise in the price of purebreds. These figures on the public sales, showing a total of over $3,750,000 worth of cattle sold at public auction during 1918, and indications for around $2,750,000 during the first half of 1919, bear out the opinion of President Aitken in his annual address last year, in which he stated that the milk of the purebred Holstein was the by-product and that the real product was the offspring.

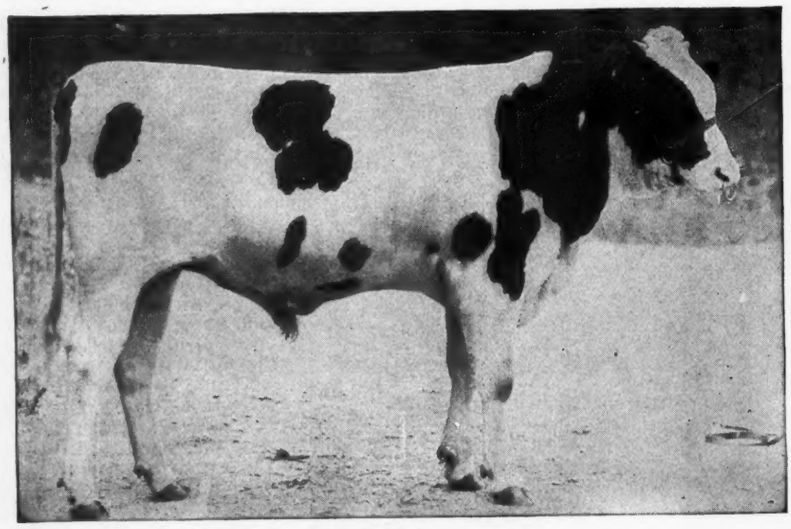
Extensive obeservations at sales, both east and west, lead to the belief that the breed is advancing not only in ability to produce, but also in conformation, and that our breeders are coming to a better realization of the financial advantage of the proper care and development of their animals. A constantly diminishing proportion of the animals in our public sales is being offered in unfit condition, and there is unmistakable progress in the matter of uniformity of type; also with the more general scattering of blood of our high record cows, the standard of breeding is continually advancing, so that the cattle that have been offered during the past year have doubtless been actually worth more dollars than the animals offered during any similar period in the past.

TILLY ALCARTRA



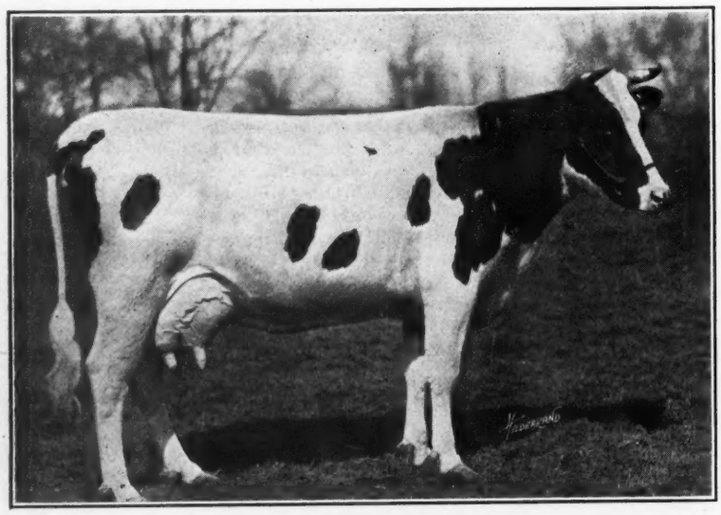
PIETERTJE FAYNE JOHANNA

48.19 lb. butter in 7 days. First prize winner for the past year, and second highest record cow in the United States. Her dam, the first 50-lb cow. A. A. Cortelyou Est., Somerville, N. J.



CARNATION KING SYLVIA

The $106,000 bull calf. He is the highest priced member of the bovine species. Son of the World's Champion milk producer, May Echo Sylvia. Carnation Stock Farms, Seattle, Wash.



MATADOR HENGERVELD BESS

40.25 lb. butter in 7 days at 3½ years. First prize senior 3-year-old for the past official year. Pine Grove Farms, Elma, N. Y.

Outstanding Sale Events

Space limitations prohibit extended mention of the outstanding sales of the year. We might mention, however, the National Sale at Milwaukee, held under Mr. Moyer's direction, which established a new high average price of $2430, and a sale total of $425,810. In this sale was sold the famous $106,000 bull calf, Carnation King Sylvia, the highest priced animal of the bovine species ever sold. He was bred and consigned by A. C. Hardy of Brockville, Ont., and purchased by Carnation Stock Farms, Seattle, Wash. In the same sale a two-year-old heifer, bred and developed by W. L. Shaw, of Newmarket, Ont., was sold to Lisle Farms Co., Lisle, Ill., for $12,750, that being likewise a world's record price for a female under three years of age. Altogether 70 animals in this sale sold above $1,000 each. Mention has previously been made of the California Breeders' Guaranty Sale averaging $1,045.50, and we will simply mention in passing the first sale at Pine Grove Farms, in which 159 head were sold at an average price of $921; the C. S. Mulks Dispersal in Iowa averaging $868; the Texas Breeders' Consignment sale averaging $860.71; A. W. Green's First Annual Sale in Ohio averaging $815; the Von Heim Farm Dispersal averaging $670 and the Wisconsin State Breeders' Sale averaging $544. Just to show that the sections mentioned have no monopoly of the high prices, we will mention the Nebraska Breeders' Sale with an average of $417, the Sanders-Bradshaw Combination Sale in Arizona averaging $355.70 and the Colorado Breeders' sale averaging $321. Among the well known herds that have been dispersed during the year, may be mentioned the herd of Henry Stevens & Son, founded in 1876; the Oakland herd founded by T. A. Mitchell and owned during recent years by B. B. Andrews; the herds of C. S. Mulks and Von Heim Farm, previously mentioned; also S. P. Stevens of Illinois; E. B. Marks and the Greenbank Co. of Washington; Geo. Hetts of Wisconsin; Flanders Farms, Michigan; Kelsey Ranch and the Balsams Stock Farm in New England; and Geo. R. Hill in Pennsylvania. In addition the Bloomingdale herd in New Jersey changed hands in its entirety through the death of the founder, Mr. A. A. Cortelyou. However, for every breeder who for one reason or another has retired from the business during the past year, a considerable number of additions to the ranks have been made.

Great Opportunity for Extension

This wide distribution of Holstein popularity, as shown by the sales of the year, suggests a great opportunity for increased effort in extension work. It is recognized that progress in extension work is much more rapid after a start is made and interest begins to be manifested, for when once it is started it is carried along to a considerable extent by its own momentum. When we stop to think that only two or three per cent of our dairy cattle are purebreds of any breed, we begin to have a little appreciation of the immense field for extension which lies before us, and the fact is emphasized that the greatest market for our surplus Holsteins lies right here at home.

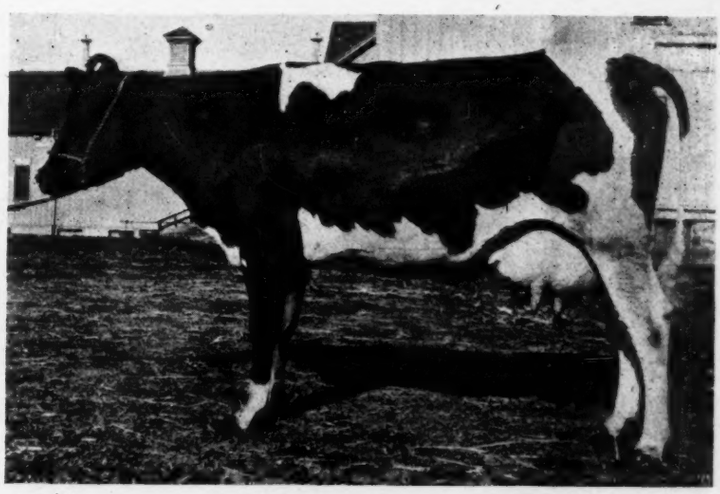
Passing of the Color Fad

Developments of the past year indicate the definite passing of the so-called "color fad," which has caused some breeders to discriminate against dark colored animals. The new 51-lb. world's champion cow in Canada is practically all black except her typical Holstein points, yet we have heard no one discount her desirability on that score. When the real quality is there, a constantly growing number of breeders are showing a disposition to overlook the superficial characteristic of color of hair. At the present time we believe the color proposition is largely psychological, as practically every breeder who discriminates against dark colored animals in his breeding and buying operations, is careful to explain that it is not a matter of personal preference with him, but simply that the public will pay more money for the light colored ones. Analysis of the situation makes it appear that the ordinary run of dark colored offerings may be slightly discounted simply from the fact that the breeders who are bidding on them think that the other fellow will be unwilling to pay as much for them on account of their color. Thus the color fad is based on no real foundation, simply a condition where each breeder is buying not on his own judgment of values, but on what he thinks is the judgment of the other fellow. If every man would go on his own judgment, the question of color discrimination would take care of itself.

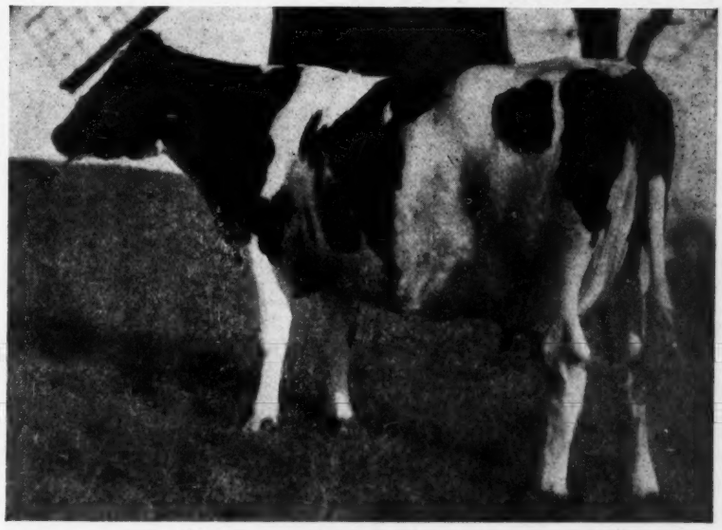
Merger of World and Record and Advertising

Another development of the past year has been the merger of the Black and White Record with this publication. The combining of these two strong every-week publications make the Holstein-Friesian World the biggest and most attractive breed journal published. Reaching as it does a great majority of the breeders of Holsteins, and being recognized as a necessity in the office of every up-to-date breeder it is the most potent medium for Holstein extension work through the printed page. One of the oustanding developments of the year, not only in Holstein circles but in the entire realm of business, has been the growing appreciation of the economic necessity of advertising, and an appreciation of the fact that advertising it a legitimate and necessary part of successful merchandising. In no other field is this better appreciated than in the Holstein industry, as will be seen by an inspection of this and other issues of the World. Particularly gratifying to those connected with the World is the fact that in its present position, it is able to get definite results for its advertisers to such an extent that the most enthusiastic supporters are the men who have been using it longest and most extensively.

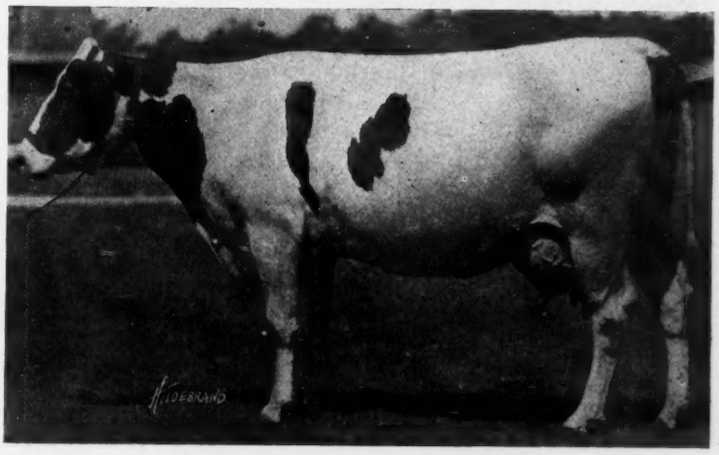
It is a difficult matter to offer a complete review of the progress of the breed during the past year from the standpoint of official records, by reason of the fact that the data for the final and heaviest month is not yet available as these lines are written. However, we are safe in saying that never before in the history of the breed have we had so many large records, such a great proportion of large records, or such a well balanced list



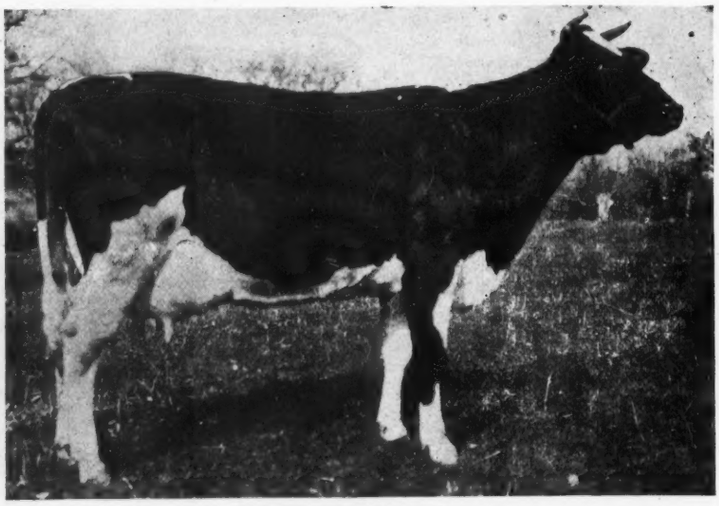
PONTIAC IRENE
23.91 lb. butter, 518.9 lb. milk in 7 days, eight months after calving, as a senior 2-year-old. World's records for both milk and butter. Also making a wonderful year record. Pontiac State Hospital, Pontiac, Mich.



SEGIS PONTIAC DEWDROP
21.80 lb. butter, 455.8 lb. milk in 7 days, eight months after calving as a senior 3-year-old. World's record in her class for butter and first prize for the year for milk. Fred F. Field Holstein Co., Brockton, Mass.

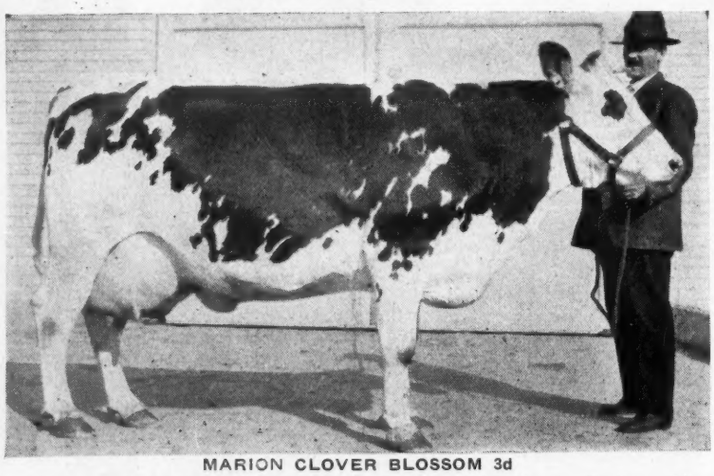


EMERETTA KORNDYKE DE KOL
1346.94 lb. butter in a year. 25.97 lb. butter in 7 days, eight months after calving. Both records win first prize for the year. Winterthur Farms, Winterthur, Del.



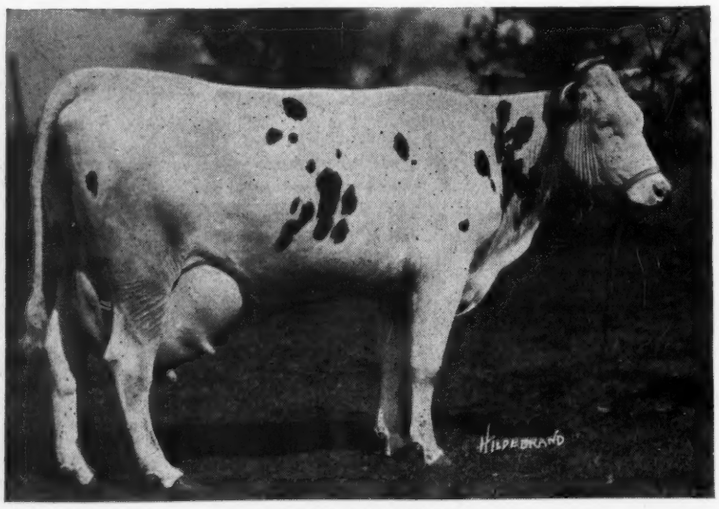
TIETJE QUEEN DE KOL 2d

43.29 lb. butter in 7 days at 4½ years. First prize in her class for the year. She is the only cow having a 43-lb. record, a 42-lb. dam, and a 42-lb. full sister. A. C. Howe, New Hartford, N. Y.



MARION CLOVER BLOSSOM 3d

As a junior 4-year-old, 37.26 lb. in 7 days, 151.91 lb. in 30 days, New England Championship records. Her junior 3-year-old record of 137.97 lb. in 30 days wins first prize for the past year. Summit Lumber Co., Davidson, Me.



SUPERBA PALMYRA

39.23 lb. butter, 678.4 lb. milk in 7 days. World champion for butter and first prize winner for both milk and butter in the junior three-year-old class Pine Grove Farms, Elma, N. Y.

of sensational performances. Last year in our comment on the year's work, we had to report a definite falling off in long time records, both as to number and size, which could be explained perhaps by the stress of war conditions. The same conditions, however, apply to an even greater extent to the long time records which have been completed during the past official year, yet we find new world's records in yearly test established in two of the seven classes for butter production, and in three of the seven classes for milk production, while new records in the eight months after calving division were established in two classes for butter production and two for milk production, there being two successful champions in the senior two-year-old class for both milk and butter in the short time divisions. We can record two new champions in the seven-day division and one in the thirty-day division for butter, not including three Canadian records which stand as world's records in the seven and thirty-day divisions. No new milk records were established in either the seven or thirty-day divisions. The reports for the year thus far received extend only to March 24, which leaves the entire month of April and the final week in March—undoubtedly the heaviest period of the entire year—not included in our figures. We find, however, that there have already been reported no less than 220 30-lb. records, as against 272 30-lb. records up to April 15 last year, and as last year there were 101 30-lb. records during the last fifteen days of April, it is not hard to believe that the past year, when the figures are all completed, will show a very substantial increase over any previous year in the matter of 30-lb. records. In the matter of 40-lb. records, also, the past year shows a substantial increase, with at least 17 reported up to May 1, and two additional ones during the first week in May. This is an increase of over 50 per cent from 1918, and just under 50 per cent from the total of 1917, which with 13 40-lb. producers previously held the high total. The grand total of 40-lb. cows including the two reported since May 1, is now 49, with two additional records above 40 lbs. in Canada. It is interesting to note that these 17 40-lb. cows developed during the official year 1918-19, were developed by eleven different breeders in five different states.

A comparison of the averages of the first prize winners for the past year with those of the preceding years shows a splendid balance of production, and while in none of the four main divisions is the average the highest in the history of the breed, yet there is no previous year with a higher showing in all four divisions. The averages for the preceding year in both the eight months and yearly divisions are exceeded very materially.

Table 1

	Average First Prize Winners.			
	7-da.	30-da.	8-mo.	1-yr.
1919	39.30	139.69	23.05	1143.98
1918	39.95	139.81	21.25	1088.22
1917	39.81	140.38	23.10	1137.19
1916	36.43	138.96	23.49	1162.66
1915	33.06	133.33	19.16	1079.44
1914	33.94	134.75	19.65	1035.73
1913	32.89	128.92	18.50	817.00

The following table showing the average of the world's championship records in each of the seven classes of the four named divisions for the past six years, reveals the progress which the breed has been making, and emphasizes the size of the proposition of breaking a world's record in any class or division at the present time.

Table 2

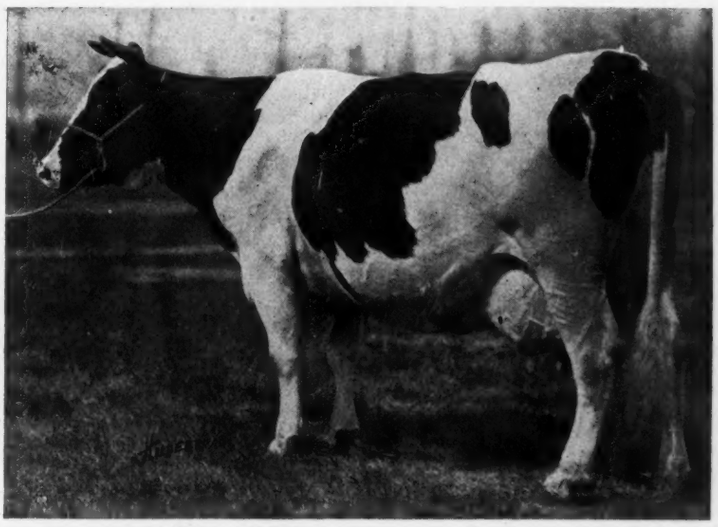
Average World's Champion

	7-da.	30-da.	8-mo.	1-yr.
1919	42.33	152.71	26.15	1285.43
1918	41.96	152.32	25.72	1276.98
1917	41.71	151.02	25.34	1276.98
1916	38.52	149.37	24.52	1237.02
1915	36.32	142.59	21.61	1165.73
1914	35.53	139.28	20.30	1087.57
1913	34.72	135.65	20.08	1051.65

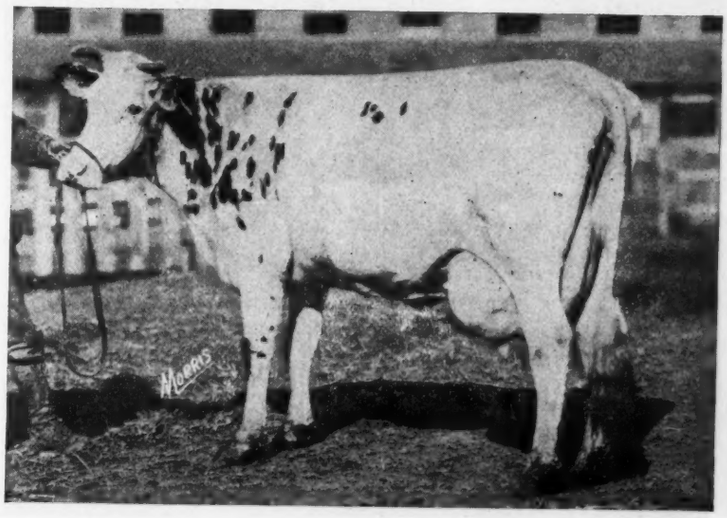
The 7-Day Division.

The most sensational performance in the short time divisions was that of the Canadian cow, Rolo Mercena De Kol, made under the supervision of the Holstein-Friesian Association of Canada. This great cow with her record of 51.93 lbs. butter in 7 days, 201.17 lbs. butter in thirty days, becomes the world's champion over all ages in both divisions, displacing Segis Fayne Johanna, who has the first and until that time the only 50-lb. cow and in the thirty day division displacing Fairview Korndyke Mata with her record of 185.37 lbs. The highest record for the United States in the seven day division last year was that of Pietertje Fayne Johanna with 48.17 lbs. butter. This is the second highest record in the United States, being exceeded only by that of her own dam, the 50-lb. Segis Fayne Johanna, and giving to this family the unparalleled honor of first, second and third places in the United States for mother and two daughters. The second prize winner for the year for the full aged class is Fairview Korndyke Pietertje, the American champion junior two-year-old, who comes back as a five-year-old with over 44 lbs.

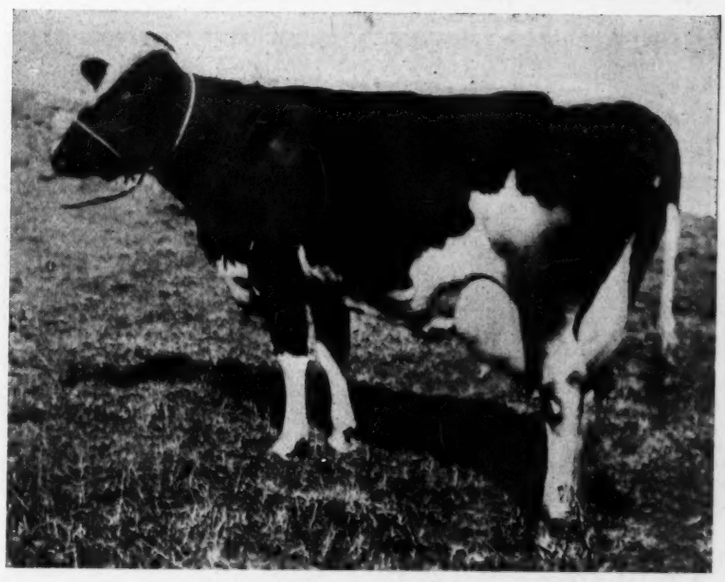
The leader in the senior four-year-old class is Tietje Queen De Kol 2d, with 43.29 lbs., daughter of the famous 42-lb. cow, Tietje Queen De Kol, who is distinguished as the only 40-lb. cow of the breed with two 40-lb. daughters, each making their records under full age. In second place is Rag Apple Aaggie Colantha, with 41.27 lbs., who is distinguished as the only 40-lb. cow backed by three generations of dams all with records above 30 lbs. In the junior four-year-old class appears a new world's champion for both the seven and thirty-day periods. This heifer, Katie Paul Burke, with her production of 44.61 lbs., displaces the former world's champion, Lady Netherland Pontiac (43.59 lbs.). This heifer also won the world's championship in the thirty-day division with her production of 167.95 lbs., displacing Mabel Segis Korndyke, who had held the championship with her 165-lb. record since 1914. The senior three-year-old class also brings out a 40-lb. leader in Matador Hengerveld Bess, with 40.25 lbs. In the junior three-year-old class, we find a world's record heifer in the lead, this being Superba Palmyra, who was mentioned in our review last year, her record being completed so near the close of the preceding year that it could not be officially reported during the past year. Glen Alex Tweede De Kol, another daughter of the 42-lb. cow, Tietje Queen De Kol, leads the senior two-year-old class with her record of



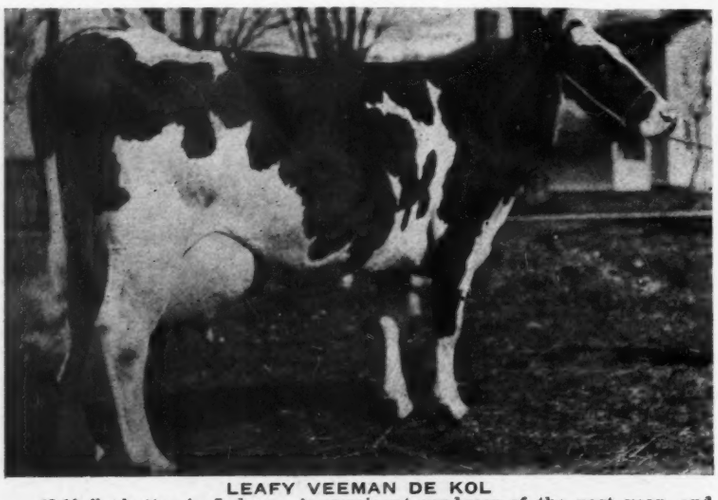
SPRING BROOK BESS BURKE 2d



MISS PIETERTJE ALEXINA 2d



PAULINE MABEL MAID

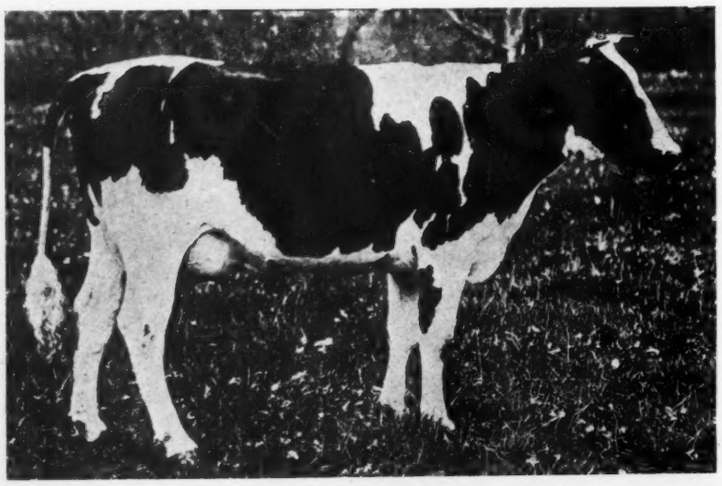


LEAFY VEEMAN DE KOL

43.19 lb. butter in 7 days. A prominent producer of the past year, and one of the three 40-lb. cows having a 40-lb. daughter. Developed by Abbott & Clark, Cortland, N. Y. Now owned by A. W. Green, Middlefield, Ohio.

LADY MUTUAL FRIEND

41.01 lb. butter, 661.8 lb. milk in 7 days at ten years. 1281.48 lb. butter, 23,388.9 lb. milk in a year. Hargrove & Arnold, Norwalk, Iowa.



GLEN ALEX TWEEDE DE KOL

30.99 lb. butter in seven days at 2½ years. First prize winner for the year. Her dam has a 42-lb. record and two daughters each above 42 lb. A. C. Howe, New Hartford, N. Y.

30.99 lbs. The pedigree of this heifer is remarkable in that her dam is a 42-lb. cow with two daughters having records of 42 lbs. at two years, and 43 lbs. at four years; while her sire's dam was the first 44-lb. cow. Again a daughter of King Korndyke Sadie Vale heads the junior two-year-old class, the honor going to K K S V Princess Tricksey, with a record of 28.55 lbs., the same heifer leading her class in thirty-day production with 111.97 lbs. In the last five years daughters of King Korndyke Sadie Vale have led the junior two-year-old class on three occasions, the previous winners being K K S V Cora and Sadie Vale Duchess. Among the milk producers, Adirondac Wietske Dairy Maid leads with 831 lb. made in connection with a butter record of 41.02 lb. More extended mention of the wonderful work of this cow will be made later, when 30-day records will be considered. The 959-lb. record of May Echo Sylvia, although completed this year, was not reported to Supt. Gardner soon enough to be included in the present year's figures.

New American records for milk production were established in the senior four and junior four-year-old classes, O. K. L. Royal Beets with her record of 813.9 lbs. being the first heifer under full age in the United States to produce above 800 lbs. She is a daughter of Ormsby Korndyke Lad. In the junior four-year-old class Lola Pontiac Segis, with 772.8 lbs., sets a new mark for the United States, and thus proves herself a worthy daughter of King Segis Pontiac Count. She also establishes a new American record in the thirty-day division with 3113.6 lbs. In the senior three-year-class the Pennsylvania heifer, Pauline Mabel Maid, takes second place in her class. Another outstanding performer is the California heifer, Georgie Pontiac 2d, with 632.6 lbs., a granddaughter of Rag Apple Korndyke 8th. The thirty-day record of the Ohio heifer, Fancy Korndyke Segis, (2479.2 lbs.), is likewise a very creditable performance.

The 30-day division.

In addition to the great thirty-day records mentioned in connection with the seven-day winners, we would call attention to the work of the leader, Adirondac Wietske Dairy Maid, whose record of 158.3 lbs. butter in connection with her milk production of 3584.8 lbs., has never been equalled in the United States for both milk and butter. In the senior four-year-old class Rag Apple Aaggie Colantha, with a production of 163.67 lbs., takes a rank second only to the world's champion, Ormsby Jane Segis Aaggie. Among the senior three-year-olds, Pauline Mabel Maid, whose work last year as a two-year-old was of such a sensational nature, comes back proportionately in her three-year-old form, winning first place for milk production in both the seven and thirty-day divisions, and first place for butter in the latter division. Her milk records stand as the second highest ever made in her class, being exceeded only by those of the world's champion, Jewel Pontiac Segis. The state of Maine is honored by the leading thirty-day producer—among the junior three-year-olds, the record of 137.97 for Marion Clover Blossom 3d standing at the head of her class for the year. This great heifer first broke her state record as a junior two-year-old, came back with a

New England record for both seven and thirty days as a junior three-year-old, and has repeated this performance in both divisions as a junior four-year-old. In the senior two-year-old class the Michigan heifer, Traverse Colantha Walker leads with over 100 lb. fat or 125.34 lb. butter. Among the seven leaders of the 30 day division, six different states are represented.

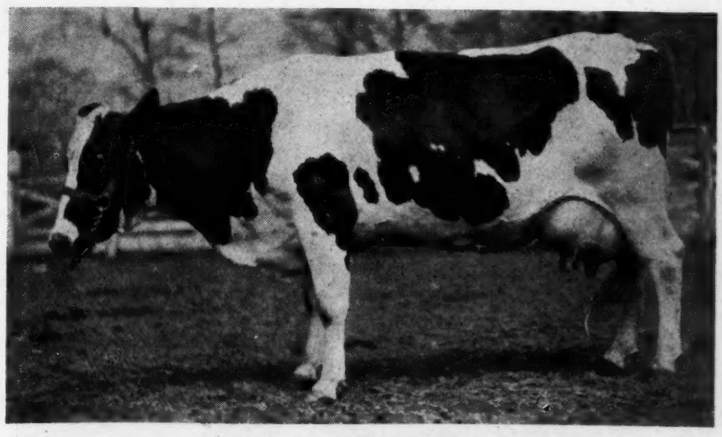
8 Months After Calving Division

There are several outstanding records in the eight months after calving division, honors being divided between the two senior two-year-olds, O. K. L. Albina (23.03 lbs.), and Pontiac Irene (23.91 lbs.), both of them world's record breakers in their class for both milk and butter, and the junior four-year-old, Glen Canary De Kol 2d, with 26.95 lbs., the largest record in this division for the year in any class. Honorable mention also should be given to two other world's record breakers in this division, the senior three-year-old Segis Pontiac Dewdrop (21.8 lbs.) and Pabst Korndyke Cornflower, who established a new record for milk production in the junior two year class with 484.7 lbs. in connection with a first prize winning butter record of 20.84 lb. The leader in the full aged class is the Delaware producer, Emeretta Korndyke De Kol, with 25.97 lbs. Johanna Princess Mooie 2d with her record of 22.80 lbs. in the junior three year old class, becomes the second highest producer in her class.

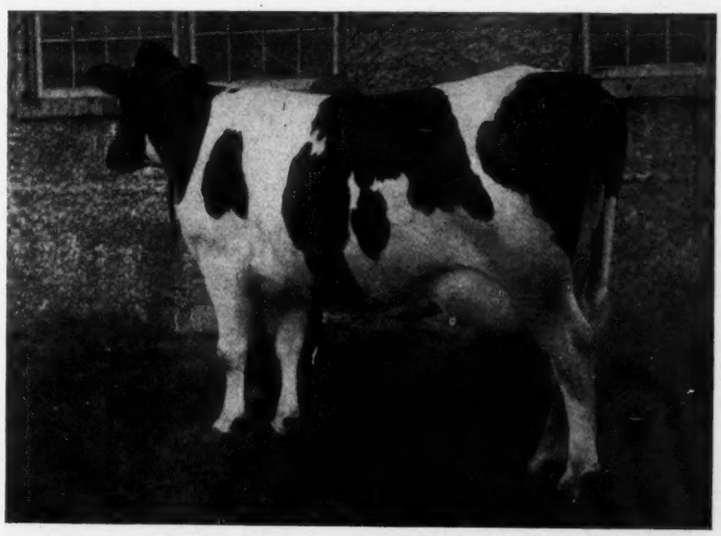
The Yearly Division

Last year we had to report no new world records in the yearly division, while this year we can report two new champions for butter production and three for milk production. The butter champions are the two famous daughters of King Segis Pontiac Count—Jewel Pontiac Segis with 1171.15 lbs. butter, 27068.5 lbs milk in the senior three year old class, and Beauty Beets Walker Segis, with 1040.64 lbs. butter, 25343.3 lbs. milk in the senior two year old class—both heifers holding world's records for milk as well as butter. Perhaps the most outstanding record in the yearly division was that of Tilly Alcartra, who came back as a nine year old in her sixth lactation period, with 33425.3 lbs. milk, in connection with a butter production of 1323.03 lbs. This milk record exceeds by over 2,000 lbs. her nearest competitor, and gives her an average of over 30,000 lbs. for each of her last four years in test. The highest record for fat production during the year was that of Emeretta Korndyke De Kol with 1346.94 lbs. butter. Outstanding records were also made in the junior three year old class and junior two year old class. In the latter Rose De Kol Wayne Butter Boy, an Iowa product, set a mark of 1142.33 lbs. butter, which is the second largest ever made. In the former class the California heifer, Johanna Princess Mooie 2d, likewise takes second place in her class with 1172.18 lbs., duplicating her position for milk production with a record of 25596.3 lbs.

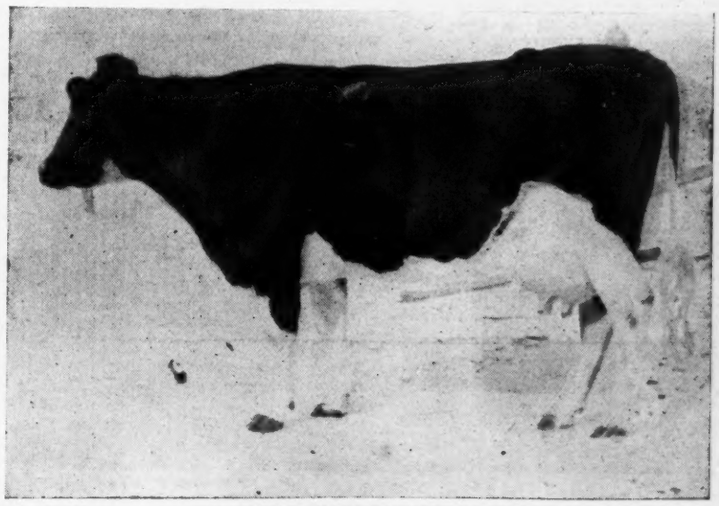
It is of special interest to note that during the past year seven cows with records above 1000 lbs. fat were developed as against a total of five cows of all other breeds during their entire period of development. In 1917-18 we had four cows above 1000 lbs. fat, and



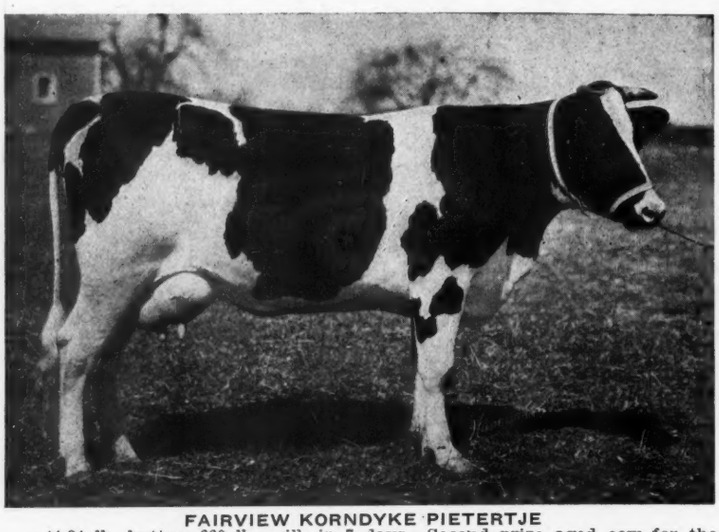
MAY CLIFDEN PONTIAC
2915.9 lb. milk in 30 days, 25074.6 lb. milk 365 days. First prize winner for milk production in both divisions of the senior 4-year-o.d c.ass. Daisy Hill Farms, Chagrin Falls, Ohio.



RUBY PIETERTJE BUTTER BOY
40.25 lb. butter in 7 days. One of the great cows of the year to be on display at Philadeplhia. Abbott & Clark, Cortland, N. Y

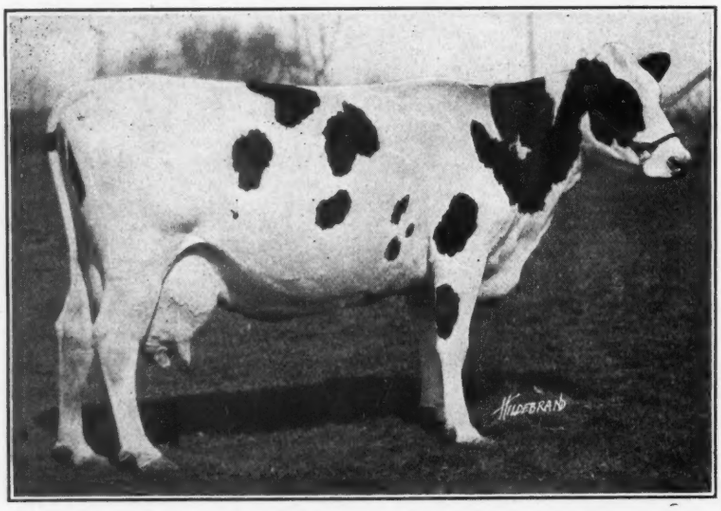


RUBY WALKER PIETERTJE 3d
With her recent 30-lb. record she completes the second combination of four direct generations each above 30 lb. She also has a 25-lb. 2-year-old daughter that is a good prospect to complete five 30-lb. generations. To be on display at Philadelphia. A. A. Hartshorn Holstein Co., Hamilton, N. Y.



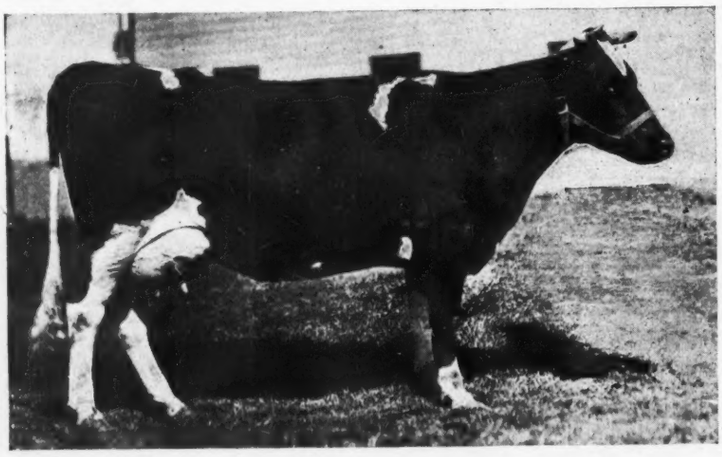
FAIRVIEW KORNDYKE PIETERTJE

44.24 lb. butter, 660 lb. milk in 7 days. Second prize aged cow for the past year. Still holds the American Championship in the junior 2-year-old class with 30.18 lb. Pine Grove Farms, Elma, N. Y.



SUNRISE HENGERVELD CAROLINE

41.07 lb. butter, 730.1 lb. milk in 7 days. One of the leaders for the past year. Developed by Mace, Abbott and Clark, Cortland, N. Y. Now owned by Pine Grove Farms, Elma, N. Y.



BEAUTY BEETS WALKER

1016.63 lb. butter, 24,773.1 lb. milk in a year at 4½ years. Close to the top for the year for both milk and butter. Dam of the world's champion senior 2-year-old, Beauty Beets Walker Segis. J. M. Hackney, St. Paul, Minn.

the preceding year, 1916-17, established a high mark for any year with eight cows in the charmed circle. The report of Superintendent Gardner shows a far larger number of cows in long time test than ever before, and with records in prospect that should make the coming year the banner year of our history in long time work by a wide margin. We already have nearly six times as many cows with records above 1000 lbs. fat as all of the other breeds combined. During the past year in additon to the world's record breaking performance by Tilly Alcartra for milk production, referred to above, records in excess of 30,000 lbs. were made by the California producer, Raphaella Johanna Aaggie 3d, whose strictly official test is the highest ever made, and the Canadian ten year old, Jemima Johanna of Riverside, whose record was made under the supervision of the Holstein-Friesian Association of Canada. This makes a total of eight records above 30,000 lbs. thus far reported.

Special Combinations

The records of the past year have pointed out the progress that is being made in building pedigrees. Seven of the seventeen 40-lb. cows developed during the year had dams with records ranging from 30 to 50.68 lbs. We now have five combinations of 40-lb. dams and daughters, of which the two leaders are Segis Fayne Johanna coupled with each of her two daughters. The average for mother and daughter now stands at 49.43 lbs. Three generations comprising Vikina Johanna, Segis Fayne Johanna and Pietertje Fayne Johanna average 46.09. Segis Fayne Johanna and her two daughters, the three highest record cows in the United States, average 48.73 lbs. In the preceding year there was developed the first combination of four generations of 30 lb. cows. The fourth generation of this combination, Rag Apple Aaggie Colantha, came back this year with a 41-lb. record as a four year old, becoming the first 40 lb. cow backed by three generations of 30 lb. dams. The other combination of four 30 lb. generations is descended through Beauty Pietertje, the famous 30 lb. daughter of the foundation cow, Prilly. A year ago there were sixteen combinations of three direct generations above 30 lbs.; now there are twenty-six such combinations—a net gain of ten during the year. Segis Fayne Johanna and Tietje Queen De Kol are added to the list of dams producing three daughters above 30 lbs. making a total of eight such dams at this writing. During the past year there have been two additions to the list of cows making 30 lb. records in five different lactation periods, the new members being May Echo Sylvia and Glista Ernestine. The former sole occupants of this high place were the Canadian cow, Jenny Bonerges Ormsby and Segis Fayne Johanna. It is remembered that May Echo Sylvia is the only one to have four records each above 35 lbs., or five above 33.9 lbs. Three other cows come in the class making four 30 lb. records, these being Lottie Walker Spofford and Meadow Brook Prilly Daisy with Kookee DeKol 3d as the new entry during the past year. No less than

(Continued on Page 170.)

The Outlook for Holstein Business

Statements by:
D. D. AITKEN, President
M. H. GARDNER, Superintendent of A. R
A. L. BROCKWAY, Director from New York
JOHN B. IRWIN, Director from Minnesota
W. B. BARNEY, Director from Iowa
FRED PABST, Director from Wisconsin

"The Holstein-Friesian Association of America belongs now to what is known as Big Business."

D D Aitken

THE year ending April 30th has been the most prosperous year in the history of the Holstein-Friesian industry. During that period the Association has admitted to membership more than 3000 members—a record unheard of in the past. The average price per head received for those sold has been far in excess of that ever received before, and the purebred and grade Holsteins have produced a larger percentage of all the dairy products than they have ever produced before.

I feel, therefore, that as breeders of the black and white we have much to congratulate ourselves for.

The Holstein-Friesian Association of America stands first of all the breeds of purebred livestock in number, in progress and in accomplishment.

Professor Rider, in charge of the Extension work of the Association, has done wonderfully good work, has accomplished much more than we had any right to expect during his initial year, has won the confidence and respect of the breeders and has demonstrated that this department should be increased many fold. I am clearly convinced in my own mind this will develop into one of our greatest assets—this extending the efforts of the Association into the states, in the neighborhoods, into the very homes of the breeders. It is arousing interest and through the system is transmitting information and knowledge that must ultimately work to the great advantage of the breeder of Holstein-Friesian cattle.

I am also thoroughly convinced that some plan must be adopted for creating a fund for this particular purpose. It is going to cost considerable money to extend this work as it should be extended, and some means should be provided whereby to a certain extent this work should be paid for by those who receive the advantage of it, and that is the people who sell the animals. A man may register his animals, he may own them until they die, and never realize, perhaps, the advantage or profit that accrues to him, but when an animal is sold and the seller has received the money he realizes and appreciates that a market has been created for him else his sale would have been impossible. The Extension work I feel will have the effect of accelerating sales more, perhaps, than anything we have ever attempted. The man who makes the sale can well afford to help pay the expense of creating a market of which he has received the benefit.

I have recommended in the past that some action be taken by the Association looking to a census of the Holstein-Friesian animals, and consider it absolutely necessary that we should have this census taken in order that we may know the average life of a Holstein-Friesian cow, that we may know how many Holstein-Friesian cows there are in existence, and what we have a right to expect in the way of increase each year. This can only be accomplished by a united effort among the membership. It would not be a difficult problem if each member of the Association would report the animals that he had in order that we might start out with accurate information as to the number in existence. Had all deceased animals been reported we would have had this information, but they have not been and the result is there are thousands of animals whose names are now on the card index who have passed out of existence years ago, and the only way we will ever accomplish this will be by taking some action that will result in a scheduling and listing of all purebred Holstein-Friesian animals.

We must appreciate the fact that the Holstein-Friesian Association of America belongs now to what is known as big business, the value of the animals whose records we keep each year represent tremendous wealth running into values of a great number of millions. The Holstein-Friesian Association by the mental condition it creates throughout the country helps to fix the price of the Holstein-Friesian cow, and it is not only a great undertaking, a great business, but requires intellectual ability of no ordinary calibre to produce the best results. It is up to the membership everywhere, whether he has one animal or a hundred, to do the best he can to help create this condition of mind that looks with favor upon our chosen breed, and our acomplishments will be just in proportion to the assistance we receive from the membership.

"The public has just begun to learn the true value of dairy products as food; and with a constantly increasing population we need have no fear of over-production."

M H Gardner.

YOU ask for a brief expression of my views on the outlook for our breed. In my opinion the best way to gauge the future of any going industry is by taking a glance at the past. I have been with the breed for 36 years, and have seen the Association grow from a very small membership till it has become the largest organization of its kind in the world. No business ever runs steadily; and it may be expected that the breeding business will vary in the degree of prosperity. In the early '90's of the last century, breeders of dairy cattle were hard-pressed, with prices low because they lacked in means of demonstrating the real value of their cattle. But advanced registry came to the rescue; and since that time there has been a steady advance in the development of the breed and in values.

Twenty years ago no man would have believed that Holsteins could sell at public sale at the prices that have been paid in recent years; and we now take for granted what would have seemed impossible. When De Kol 2d made her record of 21.261 lbs. fat, equivalent to 26.576 lbs. butter, those of us then in the business marvelled; and we wondered when the development would be such that we should have a 30-lb. cow. When the 30-lb. cows begun to arrive there were many doubters; for they said that it was simply impossible that any cow should produce 24 lbs. of fat in seven days. But we passed the 30-lb. and worked steadily up toward the 40-lb. mark; though we had to wait a long time for the 40-lb. cow. Again the doubters said that it was utterly impossible that any cow could produce 32 lbs. fat in seven days; but the 40-lb. cows steadily increased in number till we now have 47. Of these 40-lb. cows one has under the most strictly conducted of tests produced above 40 lbs. fat and so ranks as a 50-lb. cow. But while I am sure that sooner or later we shall have other 50-lb. cows, there is no doubt in my mind but that the limit of 7-day capacity has nearly been reached.

In the long-time testing the story is just the same. When Colantha 4th's Johanna made her great record of 998.26 lbs. fat, equivalent to 1,247.82 lbs. butter, there were not many that thought that it would soon be surpassed. It did stand for some little time; but now Colantha 4th's Johanna's record stands 29th in the list of great long-time records, there being 27 cows now credited with productions above 1,000 lbs. fat. Surely the limit of capacity for our breed has been proved to be high enough to suit any reasonable being; and even were we never to

have another 50-lb. cow, we have gone far enough for all practical purposes. Prices have kept pace with productions; and those of our breeders who have proved to the public that they had the goods certainly have no cause to feel that they have not obtained value when offering the goods to the public.

What of the future? As I said before, the future is best measured by the past; but I may say that it will be just what our breeders make it. I have had men tell me that the Association was growing so large and unwieldy as to be in danger; but in my estimation we might as well say that these United States in which we live are growing in wealth and increasing in population so rapidly as to be in danger of falling apart of their own weight. If the affairs of the Association be managed as carefully and conservatively in the future as they have in the past there can be nothing else than uninterrupted success for the breed. There are always many energetic, enthusiastic men, usually among the best, who believe that they see where things can be improved; and, indeed, there is always room for improvement as nothing is ever perfect. To such men progress is apt to seem slow, and they desire to accelerate it. But no body can move faster than the great mass composing that body; and in my estimation it is always better to make haste slowly in order to be sure that every action taken is for the best.

As large as is the number of purebred dairy cattle of the several dairy breeds, it forms but a very small percentage of the number of cattle used for dairy purposes in this country. It will take the earnest efforts of generations of breeders to first grade up this mass of dairy cattle and then to substitute purebreds for the grades; and when that is finally done there will then be the constant effort to improve the purebred stock. I can see no end to the matter, for there is never any end to progress. I have heard of over-production of dairy products all my life; but while I have known at times an under-consumption, due to economic conditions resulting in hard times, I have never known of an over-production. The public has just begun to learn the true value of dairy products as food; and with a constantly increasing population we need have no fear of over-production. Also, for the first time producers are learning to take into consideration the cost of production, and to stand ready to cut down such production should the cost exceed the price to be obtained. To me the future of the Holstein breeding industry has never looked brighter.

"The size of this institution is now reaching proportions involving tremendous responsibility in the administration of its business affairs and calling for calm, sane and well-balanced judgment as it never has before."

A. L. Brockway

YOUR request for some expression of my personal views upon the effect of the last year upon the interests of the Holstein-Friesian Association of America was duly received. I appreciate that the exigencies of such a number as you propose require briefness and, therefore, I will not attempt to elaborate too much.

In the first place, as far as total earnings and receipts in cash are concerned, it will prove to be the greatest year which the Association has ever seen. The increase in membership alone has totaled something around 3,000, which is approximately double any preceding year. The increase in registration and transfers has been at a very much larger percentage than we estimated at the beginning of the year. Our total expenditures this year for publicity were around $70,000, not including the money spent in an experimental way to find out whether we could be of any help in the matter of export trade. The size of this institution is now reaching proportions involving tremendous responsibility in the administration of its business affairs in calling for calm, sane and well-balanced judgment as it never has before. When an institution is prosperous and successful is the time usually when all kinds of schemes are proposed as fields of activity. That means danger. It is very much easier to plan how to do things when the need of success is crowding us from behind. I mean by these statements that simply because we have a handsome reserve fund and are now earning and doing a business of well over a quarter of a million dollars means that from every point of view we should scan our activities in all fields with a purpose of accomplishing given results with the minimum of expenditure. While we have done much in publicity, a great deal remains to be done. My own judgment is always guided by the belief that ours is a purely Record Association and that we are not, and under our present charter cannot, be in any way a Sales Agency. I believe that distinction must be sharply drawn when it comes to determining upon the character of publicity which we conduct. I believe further that our Association must be judged not from the point of view that all commercial profit-making organizations or corporations are judged from. Our business is not like such commercial businesses which may have a successful year one year and due to any old reason an unsuccessful year following. Such lack of success might result from inefficient salesmanship or poor quality of goods. Our business is the business of recording purebred animals for registration and of the transfer after sale of such animals. The fees from those sources constitute the main source of our income. The steady increase in our business is a simple matter of mathematics and progresses in a geometrical ratio instead of an arithmetical ratio. Starting with the very few animals years ago, the increase in animals by breeding spreads out like an opened fan and the increase of newly born animals each year from the increased number of females of the year before means a steady expansion of the business because the value of the animal lies in its purity of breeding and consequently they are bound to be registered. Nothing but a calamity or an epidemic of disease, greatly reducing the number of breeding animals, can retard the growth and increase of the business of this Association. Our financial system is so constituted and organized with the ten day reports as to cash receipts that we have at all times intimate knowledge of how the business is progressing, and we are in a position at any time to curtail expenditure or adapt ourselves to the condition which is evident.

In closing, therefore, I look forward to next year with confidence that the increase in registration and transfer will be in the same proportion that it has been in the last few years. I do not anticipate that the increase in membership will keep pace as I believe that is hardly to be expected. In the past our increase in new membership has been accompanied with a still greater increase in the body of men interested in and breeding Holstein cattle who are not members. The two have moved along together, the increase in non-members being in recent years perhaps a shade greater than the increase in members. This last year that relationship, however, has not been so. The volume of business done by non-members is substantially about the same as it was a year ago, which means that as an abnormally large number of men have been elected to membership, only a normal number of new men have become interested in the breeding business sufficient only to about maintain the total this year equal to last.

I should say, therefore, that our prospects were bright; that the volume of business done and the increase in memberships was certainly an indication of approval of the character of the business administration of the Association. I cannot close without paying tribute to the devoted and sincere work and labor of the Secretary and Superintendent of Advanced Registry and Treasurer of this Association, who have so imbued the workers in their organization with their own spirit that the results of the year's business can be taken as a demonstration of the efficiency with which that work is done.

"The Holstein-Friesian Association of America must be the most representative and efficient exponent of the dairy industry."

S. B. Simon

THERE are fewer dairy machines in the country today. The high prices that have been paid for beef and the high prices that dairymen have been obliged to pay for feed and labor have driven thousands of unprofitable cows to the butcher. On the other hand, education and advertis-

(Continued on page 38).

The Source of Feeds

By E. S. SAVAGE

THERE are three main lines of study in learning more about feeding dairy cattle.

1. We should learn all we can about the principles of nutrition which underlie all our practice.

2. We must learn all we can about what Dr. Armsby calls the "Materials of Nutrition," the feeds.

3. We must learn all we can about the practice of feeding itself.

It is with the second paragraph that this series of articles will deal. We will try to teach something about all the feeds that may be used in the feeding of dairy cows and attendant young stock.

A NEW SAVAGE SERIES

This new series by Prof. Savage of Cornell University will take us along new paths in the study of feeds. We are going to learn something about the sources of our commercial feeds; how they are prepared, their values, and their special importance in our dairy rations.

This is the first of the series. We will publish a second article in June, which will deal with the concentrated commercial feeds derived from the corn plant. During July and August we plan to suspend publication of Prof. Savage's articles, resuming in the early fall and continuing throughout what promises to be our most interesting series on the subject of feeds for dairy cattle.

The Editor.

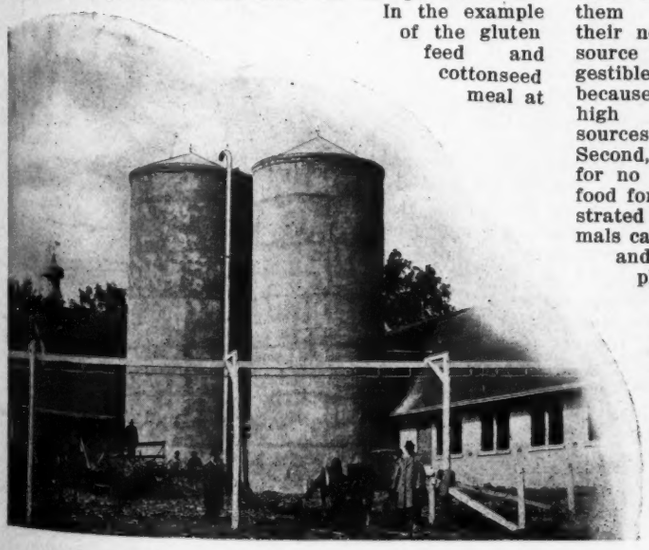
Relative Values

It is impossible to teach about feeds unless something is said about relative values. Whether one will use much gluten feed in his ration or whether he will use cottonseed meal depends largely on the relative value of these two feeds for producing milk. The price per ton will not tell this exactly even with these two feeds because there is less food in one than in the other. In one ton of gluten feed there are 1614 pounds of total digestible nutrients and in one ton of good cottonseed meal such as is on the market today, there are 1496 pounds of total digestible nutrients. Therefore if these two feeds both cost $66.00 per ton the advantage is with the gluten feed because we would get more total digestible nutrients for $1.00 in that feed. Hovever, if one is looking for protein to supplement other feeds and the prime reason for buying the feed was to get the protein then he might wish to get the cottonseed meal because in buying a ton of cottonseed meal one gets 632 pounds of digestible crude protein while in buying a ton of gluten feed one gets only 432 pounds.

Therefore, one needs to study feeds carefully from two or three **points of view.**

1. From the point of view of the total digestible nutrients because these are the measure of the total food value of the particular feed in question. So long as there is enough protein in the ration one pound of digestible crude protein is worth no more than a pound of digestible carbohydrates and only one half as valuable as a pound of digestible fat.

2. As a supplement to homegrown feeds, roughage and grain, there is usually the question of an added protein supply. Under this condition the digestible crude protein has a value greater than its value simply as one of the total digestible nutrients. It is customary when one is buying a feed for the protein in it to compute the cost per pound of protein just as if the other nutrients were valueless, and the purchase were made for the protein alone. In the example of the gluten feed and cottonseed meal at $66.00 per ton cited above the protein in the cottonseed meal would cost $66.00 per ton divided by 632 or about 10 cents per pound and the digestible protein in the gluten feed would cost $66.00 divided by 432 or about 15 cents per pound. Therefore, cottonseed meal is a cheaper source of protein than gluten feed if the thing sought is the protein alone. Both the cost of digestible nutrients and the cost of digestible protein must be considered however because rarely is a feed purchased for the digestible protein alone.



"A good Holstein breeder needs a silo as badly as he needs a pure-bred bull."

3. New ideas are coming up every day in regard to the value of feeds and it is no longer safe to look at a feed simply as a source of nutrients and protein. Feeds must be studied also as a source of different kinds of protein and as a source also of some illy defined substances about which we know but little but which are of great importance in the growth and well being of animals.

So much for an introduction. We will study the feeds available by plants, that is, we will take up one plant at a time and see what we get from it, how we get it and relatively what it is worth compared with other feeds.

The Corn Plant and the Feeds It Furnishes

We naturally turn to the corn plant first for two reasons. First, one only has to watch the market for a short time to find the king of feeds. It has been said that cotton is king in the United States but I think that corn is the real king in this country from many standpoints, but particularly from a nutrition standpoint, both human and animal. When the supply of corn is big and it is running evenly, feeds are more reasonable in price except perhaps the high protein feeds. The demand for these to supplement the corn often times drives them up above their normal as a source of total digestible nutrients because of their high value as sources of protein.

E. S. SAVAGE

Second, studies at Wisconsin have established as for no other plant, the supremacy of the corn plant as food for animals. In this test at Wisconsin is was demonstrated that in rations using all parts of the corn plant animals can be completely nourished, will grow as they should and reproduce in a healthy normal way. The wheat plant and the oat plant could not do this and lines of animals fed on rations made up from feeds whose only source was the wheat plant or the oat plant failed to survive. On a mixture of foods from the three plants the factor which made for normal growth was the corn, and growth and reproduction went on only in proportion to the amount of corn foods in the ration.

Therefore corn is the king source of dairy cattle feeds. We get from corn these foods.

Roughage

Corn Silage
Corn Fodder
Corn Stover

(Continued on page 154)

Bill Busts Out

By HIMSELF

THE Editor looked up from his scissors and paste pot, and cussed an impatient altho strictly editorial cuss or two. He had just gotten interested in making up the joke column for the Big Convention Number, and now his phone had to go and ring. Probably some pest wanting to take out an advertising contract. Darn it, Price ought to look after that.

"Hello!", snapped the Editor. A little interruption is a dangerous thing, when the Editor is getting his joke column together.

"What? Who? Corse Press?"

The Editor's cuss became more impatient and less editorial.

"Aw, Gus, be reasonable. It's too late to get anything good now — — —. No, you can't run it blank, not in the Convention Number. No, Gus, I suppose you ain't to blame, but — —, say hold the wire."

And the walls of the World office

echoed and re-echoed with the old time war-cry, "Hey, Bill!"

Bill, the Research Kid, appeared in the door of the sanctum with a brace of fountain pens stuck behind his capacious ears, and his arms full of closely written scraps of paper, a blue book, several herd books, a file of Gardner reports and a dozen back numbers of the World. Bill was trying to register extreme busy-ness.

"Did you ring, Sir?", he inquired, nervously wiping his inky hands on the Editor's new gray overcoat. He knew something was wrong.

The Editor was brusk, darn brusk.

"What's doing in the Research Department?" and his voice, as real writers say, "cut like the lash of a whip."

"Just Research'in' around," Bill was apologetic.

"Good! Say, Bill, bust out, will yuh?"

"How juh get that way?"

"Why Gus just called up to say they lack a page of stuff for the Con. Number."

"Con Number is right," Bill comes back, "if they use my stuff for filler. Now, why don't you — — ?"

"Give 'em some of your experiences, Bill. That'll be something new. Nobody has written anything about the war for a couple of years." He turned to the phone.

"'Lo, Gus! Still there? Say, Bill's gonta bust out, aw right, g'by.

The Research Kid turned away dejectedly, stumbling over a cuspidor and spilling a bottle of ink in the stenographer's lap. It is these nonchalant little ways that so endear Willy-yum to his co-workers. But orders is orders, especially when they come from M. S. P., so Bill prepared to bust out. Not having anything original to offer, he "takes pleasure" in rehashing a few more or less chestnutty anecdotes of the great war.

The Story of the Irishman and the Y. M.

Don't misunderstand me. I'm not one of those that knock the Y. M. C. A. I believe that much of the criticism aimed at that excellent organization is due to certain non-representative, but conspicuous instances which do not justify the present rather general attitude. But in a supposedly funny story, you have to kid somebody, so we'll kid the Y. M.

A certain Irishman in the A. E. F. had been saving his money to go on leave. The leave was granted, but the francs not being sufficiently "bo-coo," he sat a while in a crap game, with the usual result. In desperation, not knowing where else to recoup his fallen fortunes, he wrote a letter to God, requesting the loan of 100 francs until next pay day. The letter fell into the hands of the Y. M., and not wishing to destroy Pat's faith in his maker, they passed around the hat and succeeded in raising fifty francs, which they sent to Pat in the name of God.

Of course, Pat was grateful, and dispatched the following note of thanks:

"Dear God: Got the money and thank you for the same. If you ever send me any more, please send it thru the K. C. Those dam Y. M.'s grabbed fifty francs of it."

The Story of the Rookie Who Studied the Book.

It came to pass that a certain rookie, desirous of advancement, took to studying his I. D. R. (Infantry drill regulations.) He was much interested in a paragraph on military courtesy. Don't be ashamed to salute, he read. The salute is not undemocratic. It doesn't imply inferiority. Remember you are saluting the uniform, not the man.

A few days later, our rookie happened to be on guard near the Major's tent when the Major, clad in a gorgeous purple flowered bath robe was making his way toward the shower baths. As he passed the rookie, the latter gave him a glassy eye and kept on walking his post in a military manner.

"Whatthell's the matter with you?" thundered the Major. "How long have you been in the service? Don't you know enough to come to present arms when you see an officer? Stand at attention. Dammitt man, why don't you salute?"

"Sir," replied the rookie coldly, "I salute the uniform, not the man."

The Major gasped and went in for his bath.

The Story of E. G. W. Johnson, Who Had His Wind Up.

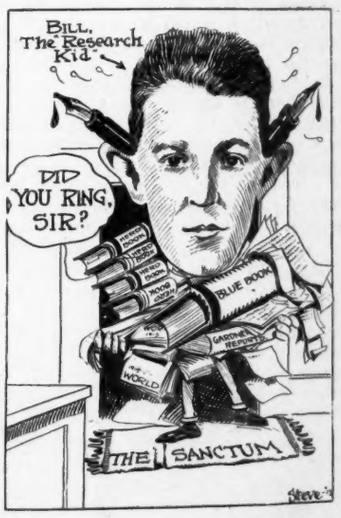
Booker George Washington Johnson, private in the three hundred and somethingth infantry (colored) was enjoying his first experience under fire. His wind, as Tommy Atkins says, was up. He didn't exactly turn pale, nature had attended to that, but his face took on a sort of mottled appearance, his eyes bulged, his jaw hung slack, letting his teeth chatter at will. His breath came and went in huge choking gasps, as he peered fearfully into the inky darkness, picturing a host of hostile Germans behind every stump and post. He was one of five thousand colored troops that were holding the front line, with some ten thousand white troops in support, a a mile or so back.

"Scared, is yuh?" grinned a seasoned veteran of two tricks in the trenches.

"Say, Big Boy, what you 'spose you do if ten million Boshes jump right in dis trench?"

"I-I-I ain't saying what I do, n-niggah, b-but if-if dat happen what you say, termorrers mawnin' paper done gonta hab big headlines 'T-t-ten thousan' white folkses just nacherly trampled to def.'"

Friends of the World Family, I need not tell you that I'm mighty glad to be back with you. I like to be associated with the Holstein fraternity. I like to delve in the annals of history, past



and present for musty, dusty, as well as fresh and juicy, facts and figures. I like to dig out the stories of famous families and meritorious individuals. I even like to write my annual page of frivol in the Convention Number. And in closing, I want to say, kind friends, that if you enjoy my connection with the World just one-half as much as I do, my purpose will have been accomplished and more too.

The Ninth Hired Man

By RUDOLPH R. KREBS

"HIRED help," said a dairyman to me the other day, "is the most costly, least controllable and most unsatisfactory element entering into the production of milk today.

"I had nine—nine—hired men coming and going in the space of three and a half months last year, and I figure myself qualified to express an opinion. You can imagine what I went through with in those three and a half months with that gang of floating loafers. They were no good. They knew it. They knew I knew it. Each and every one of them knew I knew he wasn't worth the wages I was paying him, and each and every one of them knew I didn't dare to say anything for fear he'd pack up some morning and leave.

"Those nine hired men almost put me out of business last year. Production fell 'way off. You know how it is. A man has to learn to know every cow in the herd, and every cow in the herd has to get used to him before you can hope for good results. None of the nine stayed long enough to get acquainted. And when the ninth man left I made up my mind to quit being dependent on hired help. I made up my mind to find some way out of my labor problem or quit the business.

"Sure, I found the way out. It had been within my reach right along, but I'd always looked upon it as a fancy luxury, all right for the big fellow who didn't have to watch his costs, but too danged expensive for the ordinary dairy farmer. Sure, I was dead wrong. But it took a three-and-a-half-months' siege with incompetent hired help to make me see it.

"The way out? Modern equipment, of course—steel stanchions, drinking cups, litter carrier, feed truck—mechanical help that was right on the job every minute of the day, that never grumbled, never shirked, never asked for more pay, worked for my interests and the interests of the herd every minute and—and here's the best feature about it—has paid back over 30 per cent of its cost in a saving of labor and in increased milk yields since it was installed ten months ago!

"Isn't it funny how blind we sometimes are to our own best interests? And yet, not so much blind, as just plain stubborn? Now, I knew right along before the war forced the acute labor shortage on this country that it would be good business for me to modernize my dairy even if I had to borrow the money to do it, but I just simply didn't want to admit it, until I was forced to by circumstances.

"And let me tell you something. There are any number of dairymen right now who are in the same fix I was in last year. They're kicking about the high cost of production. Why don't you write an article on decreasing the cost of production through mechanical help? Wake 'em up on this proposition! Use me as the 'horrible example' if you want to. Only, if you mention my name, tell 'em about the fine Holsteins I have now, and that I've got a couple of mighty promising youngsters that I don't care much about selling but if—well, you know what to say."

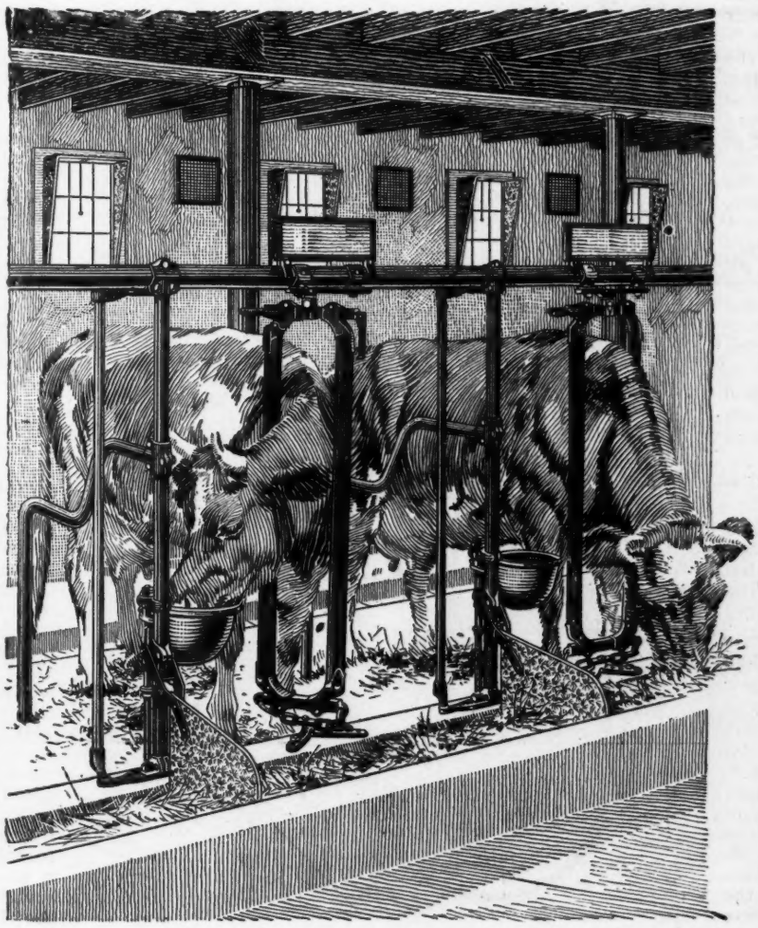
I don't believe I'll use my friend and his hired men as the "horrible example." But I believe I will act upon his suggestion and write about decreasing production costs by the aid of modern, mechanical equipment, because I believe that there never was a time so important as the present for the dairyman to apply the same principle of supplanting human help with mechanical help—for the sake of efficiency and profits—that the city manufacturer had to apply to his factory years ago. And the sooner the dairyman applies these principles the better it will be for him and for the industry as a whole.

It is the nature of the average man to put off changing from the old way of doing things to the new way, even though he is more than half convinced that by continuing in the old he is constantly fighting failure, while by taking up the new he is working toward success. The average dairyman is no exception. The average dairyman, though half convinced, waits for the inevitable emergency—the ninth hired man—before changing to factory methods.

It is for the purpose of urging the average dairyman not to wait for the ninth hired man that this article is written. It is for the purpose of saving for the dairyman the month-in, month-out losses that inefficient methods and inefficient appliances occasion that the facts hereinafter stated are given. The dairyman who is really in earnest in his desire to decrease his production costs and is open to conviction can readily verify any of the statements made by visiting the barn of a neighbor who has changed from the old way to the new.

One of the first things that the inquiring dairyman will discover is that modern dairy barn equipment not only lowers the labor costs, but also emphatically increases production, that modern equipment not only saves money but makes money.

Dairymen have observed time and again that immediately after shifting their herd from the old, dark, unventilated stable, with its rigid stocks, to the newly finished barn, with plenty of sunlight, clean, sweet air, clean floors, and comfortable, swinging steel stanchions and roomy stalls, the increase in milk yield was from 20 to 30 per cent! These are not exceptional cases at all. They are the rule. And it is not to be wondered at after all, for in the old stable everything was working against the cow, everything was working to hinder her from doing her best, whereas in the new stable everything was working with the cow, helping her to do her best. There was simply the difference between hindering and helping, the difference between dungeon-like confinement and pasture freedom and com-



In the steel stall the cow is given every opportunity to keep herself clean.

fort. The modern steel stanchion, while it holds the cow securely, allows her sufficient freedom of movement to lie down and get up without injuring herself, to card herself on either side, and to act pretty much the same as she does when out on pasture. The stall guard protects her from her neighbor, and protects her neighbor from her. The cork brick standing platform furnishes her with about as warm and as soft a bed as she can get out in the meadows.

In the steel stall the cow is given every opportunity to keep herself clean. By means of an ingenious alignment device, now incorporated in most makes of stalls, the stanchion can be moved either back or forward, so that no matter whether the cow be long or short she can always be lined up to the gutter.

This reduces the labor of cleaning the stable to a minimum, since the litter is always deposited in the gutter whence it can easily be loaded into the carrier and run out of the barn. Considerable bedding is also saved.

The danger of damaged udders, the loss of milk resulting, and the care that must be given such injured animals, are entirely eliminated in the properly constructed steel stall. The steel stall offers no hindrance to the passage of fresh air, and presents no obstruction to the purifying rays of sunlight, nature's great disinfectant. The steel stalls offer no lodgement for filth wherein disease germs may propagate. Hence, through their instrumentality, the losses occasioned by having sick animals and the labor required in caring for them are reduced to a minimum.

Thus, on the counts of increased milk yields through cow comfort, protection from damaged udders, maintenance of cow health, saving of bedding and the saving of labor, those dairymen who are running their dairies the new way declare without exception that the steel stalls and stanchions alone pay for themselves right along. In fact, many go so far as to say that they pay for their cost in one short year!

But, on most of the counts above enumerated, it is difficult to place and prove an exact monetary value individually. Let us therefore step into the feed alley and observe the operation of modern equipment there. The manger in the modern dairy barn is so constructed that all the feed put before the cow goes where it is intended to go—in the cow. Manger divisions, separating one cow from the other, make it possible to feed individual rations to each animal. Each animal gets the ration suited to her nature and habits, and that only. She can't rob her neighbor nor be robbed by her neighbor. Conservative dairymen figure that the amount of feed the modern manager enables them to save amounts to considerable more than three dollars per cow per year.

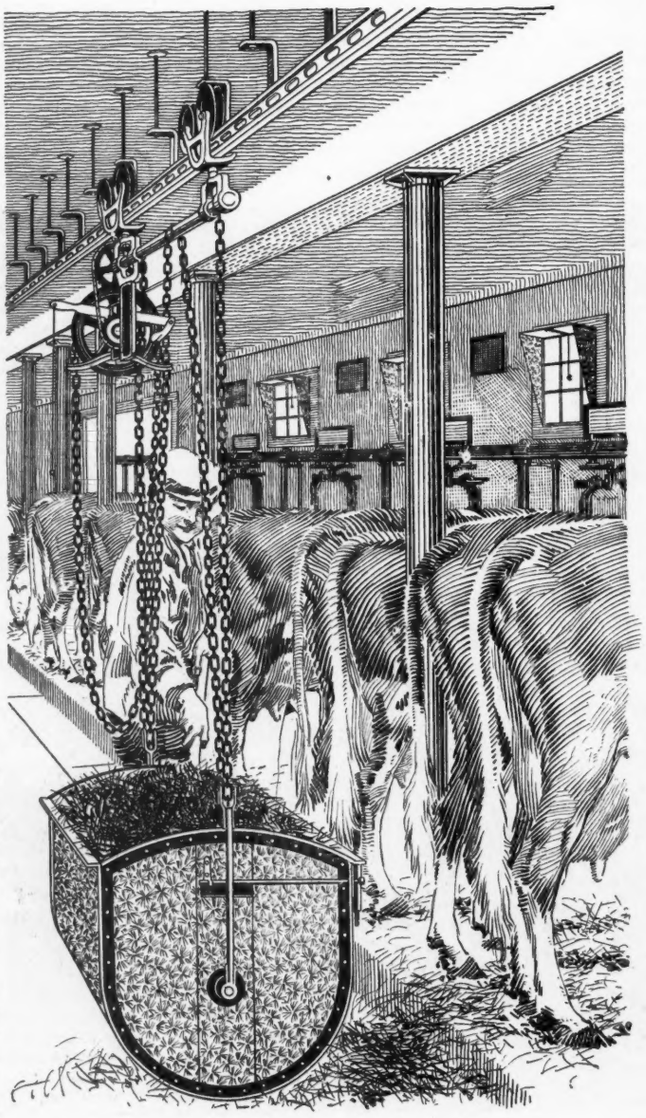
And right here in the feed alley is where modern equipment begins to show the average dairyman how he can be independent of the ninth hired man. Silage is heavy. To carry sufficient silage in baskets down the length of the feed alley for a string of thirty or more cows is no easy job, particularly not if that job comes at the close of a hard day's work in the fields.

But in the modern stable that hard job is made so easy that a fourteen-year-old boy can do it. An easy-running feed truck carrying sufficient silage for sixteen to twenty cows or more can be shoved from cow to cow along the cement feedway by him in less than half the time, and with less than half the effort the hired man expended in the old way. And when the boy gets through with his feeding job the feed will be in the manger where it belongs and not littering the feed alley from end to end.

The man who tries to beat such equipment with human muscle is playing a losing game. The man who will not admit that right here is one way in which he can reduce production costs will argue that the scythe and cradle has it all over the self-binder.

And while we're in the feed alley let us look at another piece of modern equipment that is saving money and making money for the progressive dairyman. It's the individual drinking cup.

To make milk a cow needs water—lots of it. Milk, you know, is 87 per cent water. When a man drives his herd out to the drinking through twice a day his cows cannot fill up on enough water to last them through the twenty-four hours. It is cow nature to want to drink right along as they eat. Now there isn't a dairyman in this country who has installed a proper drinking cup system in his barn who has not found that giving his cows all the water they want, when they want it, has resulted in a two-pound daily increase in milk yield per cow! Some report as high as five and six pounds per cow increase. And these men are not guessing. They are men who keep exact records. And these men will tell you if you ask them—you're really serious about wanting to decrease your production costs—that not only do drinking cups in the barn give them an additional two pounds milk per cow per day, but save them the labor of herding the cows out and in twice daily for the unsatisfying drink at the outside trough. These men will tell you that this means a daily saving of one to two hours of labor per day.



Of course we must not forget the litter carrier.

I know of no thing about the dairy barn that will prove a better investment than drinking cups for cows. I know of no thing that will pay for itself as quickly and as surely as drinking cups. I know of no thing that progressive dairymen are more enthusiastic over than these drinking cups. Indeed, I know of several dairymen who have been won over to installing complete modern equipment in their barns simply on the showing made by a neighbor's drinking cup system.

Of course, we must not forget the litter carrier. The litter carrier, perhaps, has been the pioneer piece of equipment that has worked for the emancipation of the dairy farmer. The ninth hired man generally quits on the day when the stable is full of manure, the yard outside is squashy, and it looks like a little more rain before ten o'clock. At such a time the old wheelbarrow, the squashy yard, and the slippery plank, seem a little more than the ninth

(Continued on page 60.)

Tuberculosis Eradication a Nation-Wide Crusade

DISEASED HERDS CONVERTED INTO HEALTHY AND PROFITABLE ONES UNDER THE ACCREDITED HERD PLAN

By DR. J. A. KIERNAN,

Chief, Tuberculosis Eradication Division Bureau of Animal Industry, United States Department of Agriculture

TUBERCULOSIS can be eradicated from any herd of cattle providing the owner and manager are willing to and will faithfully comply with the plans of control that have been found effective and necessary. The disease has been exterminated from herds containing as high as 75 per cent. of tuberculous animals. There are numerous healthy herds now which a few years ago were reeking with tuberculosis. One of these was placed under Bureau supervision in 1913. At the time the first official tuberculin test was applied, 45 per cent of the animals in the herd were found diseased. In 1914 upon a retest, 16 per cent were found affected; in 1915 the disease was reduced to 12 per cent, and in the test made in 1918 no reactors were found. The herd now consists of 78 cattle, all healthy.

Another herd of cattle was found upon the application of an official test to contain 82 per cent of reactors. There is no doubt but what at an earlier date the herd was not so badly affected and had eradication methods been applied in time, the severe loss which fell upon the owner recently would have been very much less. However practically the entire herd which had been built up at great expense and care, was found to be a heavy burden to carry in its diseased condition. If the owner desired to sell any of the purebred animals he would have been denied that privilege, because they were unfit to be placed in a healthy herd.

Careful experiments and practical work both show that tuberculosis cannot be detected sufficiently by physical examination to completely eradicate the disease. The most reliable method for definitely determining whether tuberculosis exists is the tuberculin test applied by a trained operator.

The length of time it will take to eradicate tuberculosis from a farm or a larger area depends on several factors, the most important of which are: The degree of infection, the cooperation of the owner, the funds and the organization available to carry on the work. In some states tuberculosis is present to a very slight extent. From the evidence now available, probably less than one per cent of the total number of cattle are affected in the States freest from the disease. In such areas, with a proper cooperation, tuberculosis eradication should be complete within ten years.

Costly to Delay Testing

Obviously tuberculosis may be eradicated sooner from a herd which is infected only slightly than from one where the disease is known to be present but has been ignored year after year. Some herds when first tested were found to contain as high as seventy-five per cent of diseased animals. But even in cases of that kind several years of perseverance and common-sense methods of eradicating have brought about satisfactory results.

Purchasers of pure bred and even grade cattle are gradually becoming more critical in the matter of animal health. Unless the owner of a herd can show that his cattle are free from tuberculosis or that they are under supervision for the eradication of that disease, buyers are inclined to look with doubt upon the animals he offers for sale, and to go elsewhere to obtain additions to their herds.

A Certificate Worth $2,000

On the other hand assurance of health helps to close sales. Here is a typical example. A prospective purchaser in Minnesota was negotiating with a breeder in Waukesha County, Wisconsin, for the purchase of his entire herd. A difference of $2,000 stood between them in the deal. But when the purchaser became aware that it was a fully accredited herd, and saw the certificate, the deal was immediately closed. In this case according to the Wisconsin breeder, the certificate was worth $2,000.

At the time the accredited herd plan was adopted by the committee representing the Pure Bred Cattle Breeders' Associations and the United States Live Stock Sanitary Association, appropriations to carry on a tuberculosis campaign had not been provided in a number of States. Such a condition of course made impossible the payment of indemnities for diseased animals, and accounts for the comparatively few herds on the first Accredited Herd list. List No. 2 of "Herds Officially Accredited as Free from Tuberculosis, and of Herds that Have Passed Successfully One Test with a View to Certification" will be ready for distribution in a few weeks, and it will be very much larger, showing approximately 625 accredited herds consisting of 11,470 pure bred and 6,570 grade animals. It will also list 3,120 herds containing 37,290 pure bred and 42,520 grade animals that have successfully passed one tuberculin test, making a total of 97,850 cattle.

Considering that the United States contains about 65,000,000 cattle and 75,000,000 swine we have too much at stake not to use every means possible to exterminate tuberculosis. Its eradication is important not only for economic reasons but also as a factor in safeguarding human health. While it is true that in the case of milk from diseased cows proper pasteurization kills the living organisms of tuberculosis, all the milk consumed, especially on farms, is not so treated, nor is pasteurization effectually done in all cases.

WHERE APPEARANCES ARE UNRELIABLE

Every animal in this picture had tuberculosis, as indicated by the test and confirmed by post-mortem examination. The original herd of 66 head was found to contain 57 reactors, of which 40 are shown. The appearance of cattle is often an unreliable indication of their freedom from tuberculosis.

A Sinister Disease—Visible Symptoms Appear Late

If tuberculosis were a disease having symptoms like foot-and-mouth disease it would arouse instant alarm and live-stock owners would insist upon repressive measures promptly taken. But, because tuberculosis generally develops slowly without displaying visible symptoms until the disease is far advanced, people are inclined to underestimate the damage. From records kept by the Meat Inspection Division of the Bureau the reader may estimate at least a part of the financial loss caused by tuberculosis annually. The records indicate also that this disease, in cattle and swine, is widespread in the United States since the establishments where those animals were slaughtered are located in all parts of the country. According to best estimates about 65 per cent of the cattle and swine used for meat each year are slaughtered in establishments under Federal supervision. Thus the figures which follow are for less than two-thirds of the animals annually slaughtered in the United States. It is known also that tuberculosis is more prevalent in the uninspected animals. Considering all these facts, the total losses from tuberculosis in cattle and swine are about double those indicated in the table.

When animals are "retained" by the Federal inspectors because of tuberculosis it means that some evidence of the disease has been found, and the carcasses are set aside for more complete examination. If the infection is slight and so localized as to render the undiseased portions of the carcasses safe for food, the diseased areas are removed and the remainder is passed for food. But even in those cases, considerable loss occurs because the diseased portions removed would have had a considerable value.

The reader will observe that during each of the last three years, more than 100,000 cattle and hogs have been condemned in Federally inspected establishments because of tuberculosis. On the farms where those animals came from, some of the remaining cattle and swine are no doubt affected with the disease. In any case unless all the tuberculosis stock was disposed of and the premises disinfected, the remaining animals are exposed to the infection. Knowing this danger the State and Federal officials endeavor to trace back as many shipments of diseased animals as possible, and, through the owner's cooperation exterminate the disease at its source.

Payment of Indemnity Hastens Progress

The Bureau of Animal Industry is cooperating with live-stock owners and sanitary officials in tuberculosis eradication in forty-four states. The increase in herds under supervision and the number of new applications being received are convincing evidence that the work is receiving hearty support and full appreciation.

The payment of indemnity for tuberculosis cattle by Federal and State Departments is naturally a further incentive to owners of diseased animals in cleaning up their herds. Live-stock owners have felt heretofore that it was too great a sacrifice to dispose of tuberculous cattle which apparently seemed healthy and were the source of daily income to them. Last winter however, approximately thirty state legislatures were in session and most of them enacted laws, providing funds for tuberculosis-eradication work, including, in a majority of cases, the payments of indemnities.

There is necessarily a limit to the amount of testing that can be done by officials of the states and the Federal department. In fact it is doubtful whether sufficient funds ever will be available to annually test all of the cattle in any state. The enormous size of this task is seldom realized. Live-stock owners are urged therefore not to delay tuberculin testing until an official comes to them. The tuberculin test may be applied by any qualified veterinarian. It is an economic advantage for every owner to rid his herd of tuberculosis and for that reason, if for no other—and there are a good many good reasons—he should have his herd tested without delay.

What Breeders Say About Accredited Herds

Following are a few excerpts taken from letters received from prominent breeders of pure bred cattle throughout the United States whose herds have been found free from tuberculosis and certified to the accredited list. It is believed that the opinions of these men who have been pioneers in the tuberculosis-eradication work will be of unusual interest and value.

Table showing number of Cattle and Swine slaughtered, and those "retained" and condemned on account of tuberculosis at establishments where Federal Herd inspection is maintained.

Fiscal year	Cattle			Swine		
	Slaughtered	Retained	Condemned	Slaughtered	Retained	Condemned
1907*	5,867,642	24,876	17,117	26,189,026	362,445	48,544
1908	7,116,275	68,395	24,371	35,113,077	719,279	77,554
1909	7,325,337	100,650	24,525	35,427,931	860,425	45,113
1910	7,962,189	123,501	27,638	27,656,021	792,176	28,880
1911	7,781,030	133,551	27,186	29,916,363	1,117,789	31,517
1912	7,532,005	160,122	35,273	34,966,378	1,643,100	42,267
1913	7,155,816	152,560	33,001	32,287,538	1,809,751	47,632
1914	6,724,117	143,699	29,738	33,289,705	2,201,005	48,252
1915	6,964,402	158,239	32,644	36,247,958	2,774,835	66,023
1916	7,404,288	190,991	37,085	40,482,799	3,687,817	74,109
1917	9,299,489	218,928	46,351	40,210,847	3,978,168	76,807
1918	10,938,287	222,787	40,692	35,449,247	3,494,587	59,740

*Covers from October 1906 to June 30, 1907.

"There was a time when I was opposed to the tuberculin test, thinking it was only a game to give the veterinarians a job, but on closer and a more careful investigation I am convinced that one of the most important items in the building up of our live stock industry in the U. S. is to eradicate T. B. from our herds. As a result of having my herd tested, I lost $1,500 in one year, but I am glad that I now have a tuberculosis-free accredited herd."—Robt. E. Strutz, Jamestown, N. Dak.

"I am a firm believer in the tuberculin test as the only method by which to determine whether or not an animal is affected. We are unusually cautious about taking outside animals into the herd. We make careful inquiry concerning the reputation and standing of the party from whom we buy them, as to whether or not he has had any tuberculosis in his herd, and whether he has tested for it. We do not take any animal into the herd without a tuberculin certificate from the Federal Government, and subject also to a 90-day retest."—J. M. Hackney, St. Paul, Minn.

"We consider cooperative tuberculosis eradication work as now being conducted to be the greatest forward step that has been taken in a decade, and any breeder that fails to cooperate in this work is confessing that he fears

(Continued on page 178.)

THE FIRST OFFICIALLY ACCREDITED HERD

The purebred Holsteins, comprising the United States Soldiers' Home herd, Washington, D. C., were tested under Federal supervision and found to be free from tuberculosis. This herd was given the first accredited certificate.

PICTURE GALLERY

Mother of Heroes

How much of a man's (or a sire's) greatness depends on his mother? History teaches that nearly every great man had a good and noble mother. So it is with Holstein sires. The picture gallery this week consists of the dams of four of the very greatest of the present-day sires—sires that are extensively advertised as the breed's greatest—but what of their dams? First is:

1.—Polly Posch, dam of Ormsby Korndyke Lad, 46 per cent. of whose daughters are 30-lb cows. Polly Posch was one of the most perfect specimens of cowhood that ever made two 700-lb. milk records. She was bred by Morris Rutherford, Warwick, N. Y., but was developed by and made her records for Harry B. Davis, Chester, N. Y. Following are her records:

	Butter	Milk
At 6 years:		
7 days	24.61	700.21
30 days	130.56	2867.2
At 5 years:		
7 days	27.83	723.
30 days	112.47	2927.8
85 days	306.41	7772.6

Note that her butter records average well over 30 lb. from over 710 lb. milk, and that her two 30-day records average over 120 lb. butter from close to 2900 lb. milk. Her best seven-day butter record won fifth Association prize the year it was made and her 30-day record won eighth the same year. She has two daughters, Polly Sarcastic (21.33 lb. at 3 yr.) and Polle Korndyke (20.42 at 2 yr.) Mr. Davis bred her to King Korndyke Hengerveld Ormsby and produced Ormsby Korndyke Lad, owned by Julius Schmid, Montgomery, N. Y.

2.—Maid Mutual De Kol, dam of King Pontiac Champion, the only sire to have sixteen 30-lb daughters developed in as many months. Maid Mutual De Kol made her splendid records when big records were uncommon. It was over fifteen years ago that she freshened first as a senior two-year-old and made a record of 16.99 lb. butter from 413.4 lb. milk. This butter record stood twelfth for the year, the next year in the hands of the Stevens Brothers-Hastings Company she won 1st Association prize in both the 7 and the 30-day divisions with a record of:

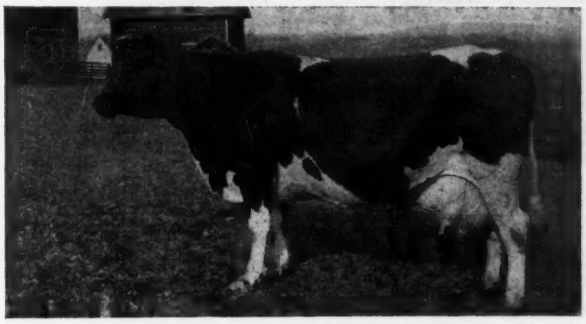
	Butter	Milk
7 days	25.51	588.8
30 days	100.29	2341.1

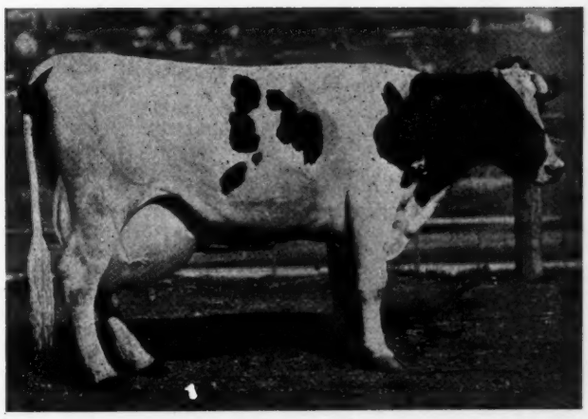
At six years old, her 7-day record won 6th place for the year and her 30-day record 8th. Her figures were:

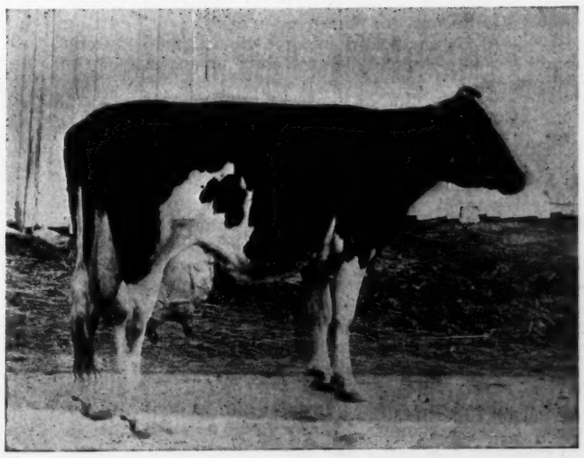
	Butter	Milk
7 days	31.30	567.9
30 days	117.26	2337.2

These records were, of course, made many years ago, when 31-lb. records were rare. She has two daughters with A. R. O. records, the best one being Colantha Maid Mutual, with records of 28.67 lb. butter, 695.1 lb. milk in 7 days and 117.16 lb. butter, 2887.3 lb. milk in 30 days. The Stevens Bros.-Hastings Company bred Maid Mutual De Kol to King of the Pontiacs and produced King Pontiac Champion;

(Continued on page 39.)







"The Newspaper of the Breed"

Published every week by Holstein-Friesian World, Inc.

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Subscription price for the United States $1.00 per year in advance. All foreign subscriptions, including Canada, $1.50.
The date following the address on the wrapper of each paper indicates the time to which the subscription is paid and is to answer the purpose of a receipt.
All matter for publication in any issue must be received two weeks preceding the date of issue, which is Saturday.

MAY 24, 1919

The Annual Meeting Number

THE editorial and business staff takes considerable pride in presenting this issue of the World. We have been telling you that this number would be the biggest and best issue of the Holstein magazine ever put together to this date. The magazine itself is its own best argument. It is practically 50 per cent larger than any previous issue of a Holstein periodical, the nearest competitor being the Black and White Record of May 31, 1917, with 132 thirty-inch pages. As these lines are written this number is not entirely made-up, being still in process of building. We are therefore unable to make any detailed comparison with previous special numbers in the matter of inches of advertising, amount of live reading matter, tons of paper used, number of illustrations, etc., but we can make a shrewd guess that each item is at least fifty per cent. greater than ever before.

The preparation of this mammoth number in our regularly allotted time of one week has been a herculean task for the World staff, and has taxed the capacity of the printer. Think of taking nine and three-quarter tons of white paper just as it comes in cases from the mills, and in this limited time turning out a high-class illustrated magazine, completely printed, bound, trimmed, wrapped and entrusted to the tender mercies of Mr. Burleson! There will be of course certain features that we would arrange a little differently; little mistakes that got by under stress of keeping the wheels moving—we never yet got out an issue which did not reveal under later study places for more or less important improvement—but on the whole we are content to present this Annual Meeting Number of 1919 for the critical study and inspection of the Holstein fraternity.

We wish to take this opportunity to thank our advertisers and contributors for their co-operation in getting their material to us early and in such abundance. Upon this one factor really depended the failure or success of the entire project.

The Importance of Good Pictures

ONE of the things which this issue of the World illustrates most strikingly is the importance of good pictures. We have often remarked that there is no better publicity, or better way to get your message across than through the medium of good pictures, but that a poor picture is worse than none at all. This suggests the question of what constitutes a poor picture. In the Holstein field it means to us a picture in which either the subject has been improperly posed, or the exposure improperly made, as well as where the subject itself lacks merit. Perhaps the safest test is to ask yourself if the picture brings out clearly the strong points of the animal, or if it accentuates the weak ones. Many of us we fear are inclined to overlook the faults and flaws in our own animals, and perhaps in their pictures, too.

This fact was shown to us very clearly in preparing for this special number of the World. It will be remembered that through our advertising columns we requested our readers to send us good pictures of their good Holsteins for use in this issue. Of all the pictures that were submitted nearly fifty per cent. had to be returned as unavailable for use. This was not because we did not have room for them, for we were prepared to make room for every one that was good enough to use with credit to the owner and the animal. It was just because they failed in this particular that we had to send them back, with an invitation to try again.

We want to renew that invitation at this time. The World is always on the lookout for good pictures. We want to make them an even greater feature than they have been in the past, but it will be of no service to the breeder, the breed or the World, if we fail to maintain a high standard in selecting the pictures that are given a place in the paper. To those who do the work themselves we urge a greater attention to the fundamentals of livestock photography. The first requisite is patience. Do not shoot until you are satisfied with the position of the animal. Except in special cases it should be almost squarely broadside to the camera, with the hind quarters if either slightly nearer. Care should be taken that it is standing squarely on all four feet, and that they are neither bunched underneath nor unduly stretched out. The front leg nearest the camera should be slightly in advance of the other, thus giving a more normal appearance of length to the body. Often the animal gets as tired and disgusted with the efforts at photography as you do. Special effort should be made then to make her "look pleasant." This is done in a variety of ways, among which we might mention a sudden noise or motion by an assistant placed at just the proper angle so that she will naturally turn her head at the right angle, ears forward, to investigate the cause of the commotion. With a proper degree of patience high priced equipment is not essential, although with the lower grade lenses and shutters greater care is necessary in working under the most favorable light conditions.

Pictures That Misrepresent

Right here we want to voice a protest against the elaborate retouching which so many of our breeders and artists seem to feel is necessary. These efforts at camouflage are almost always apparent, and give rise to a very natural suspicion as to the quality of the original animal. Many photographers attempt to build up low places and the result is often as grotesque as it is misleading. We have seen them go in as Holsteins and come out Shorthorns—and typey ones to. We have seen young calves built up very skillfully as to body, but with the head left original size—it presented quite serious, problems, doubtless—and the result was perhaps a three-months old body with a three-weeks old head. In our opinion the use of a retouched photograph is misrepresentation of a particularly dangerous kind. Think what it means to the man who buys by mail as a result of your advertising. He sees your pictures, likes the type of your animals, decides that he wants to breed that type, and so you get the order. If your pictures fail to portray the real type of your animals, it is not hard to see where the man who bought your stuff on the strength of the pictures will be disappointed when his calves begin to come along.

This is not the kind of good will that most of us are interested in building. Let's be as truthful in the pictures we use as we are in the verbal statements we make about our animals. And finally let us remember that the invitation which the World has extended is a standing invitation; so get as many good, faithful pictures of your good Holsteins as you can, and send them along to help brighten up our columns while taking advantage of a valuable opportunity for publicity for your own proposition.

The Progress of the Breed

WHILE the review of the past year, which is featured in this issue, is not complete due to the fact that the final data on the closing weeks of the fiscal year are not available, it does show a remarkable story of progress and achievement. In Canada and the States we have seen no less than ten new world's records established in the four main prize divisions for butter, and five for milk, including among the latter the world's record for milk in one year over all ages and breeds. Three of the ten butter records were in the seven-day division, while five of the fifteen records of both kinds were in the year division. The aspects of the situation from this

standpoint are treated more at length in the article referred to, and it will suffice to say here that no year in recent times has brought out such a large number of extremely high records in either the short or long-time divisions. Especially pleasing as showing the all around development is the fact that more 40-lb. cows as well as more cows above 1000 lbs, fat were developed than in any preceding year. Financially as well as artistically the year has been a winner, with new high price levels for Holsteins all along the line, and a greater demand than ever before.

The fact that the new members of the National Association number considerably over twice as many as in any previous year shows something of the advance which the breed is making. There is however great opportunity for growth and expansion along this line, as the members of the National Association still form but a comparatively small proportion of those who are already interested in the breed to a greater or lesser degree. Under wise guidance there can be no doubt but that the bigger our Association grows the bigger it will be able to grow.

It is encourging to those who are closely observing the progress of the breed to note the constantly improving type of the Holstein. While we still see many that are of decidedly undesirable form, the fact that buyers in public sales are showing a constantly growing discrimination against those off-type individuals, leads to the belief that progress along this line will be more certain and swift than in the past. Every sale furnishes object lessons that cannot be disregarded because they vitally affect the pocket-book of every man who offers mean-shaped individuals to the highest bidder. Naturally, in contrast with this condition, we find good individuals commanding prices constantly increasing in proportion. In fact we believe that a large part of the increase in the average sale prices of Holsteins comes from the larger sums paid for the straight, well formed individuals that are in good condition when offered for sale. We feel safe in predicting that this condition will continue to grow more pronounced through the medium of the public sales, and also that the fairs this fall will furnish another conclusive demonstration along the same line. Already fair and show secretaries are reporting unprecedented advance interest on the part of breeders of all classes of live stock, while many Holstein breeders who have not been out with a show herd for years, if at all, have indicated their intention to make the circuit this fall. Our Association should give all possible encouragement to this project as it will unquestionably play a big part in arousing still greater interest and make many new converts to the Holstein idea. Close observation of conditions during the past year throughout the east and middle west leads unmistakably to the conviction that the breed is really progressing, in quality as well as numbers and strength, and points the way to still greater progress during the period that lies before us.

Encourgement for the Little Breeder

IT was getting to be a rather common idea, and one that carried a great deal of danger for the industry, that the Holstein business was becoming largely a rich man's game; that the little breeder, the man of small means, could not hope to keep pace or rise above the level of mediocrity. And then along came Beryl Hanmer, and his 51-lb. cow, Rolo Mercena De Kol, and the whole situation was changed. Hanmer, who is only twenty-three and has been struggling along to get started in the Holstein business without capital or even average equipment, by developing the highest record cow in the world has achieved a degree of fame that will come to but few of us. His work and the performance of his cow have been heralded through the general and farm press from coast to coast. Equally important, he bids fair to gain in these few short years fortune greater than the most of us will amass in a life-time. This record will provide tangible evidence of the rewards that are possible in this Holstein industry. It will prove, as many of us have long known, that the determining factor in success does not lie in great wealth and expensive equipment. It will prove and hold up as an inspiration to every young man starting life and to every older dairyman and breeder who had begun to feel that the top rounds of the ladder were monopolized by the men of wealth; it will hold up as an inspiration before these men the fact that success lies in individual initiative, and that in the Holstein industry we are indeed masters of our own fate. Could you ask any better demonstration, or one that will mean more to the real advancement of the Holstein breed?

The New Savage Series

WE would like to call particular attention to the new series of articles by Professor E. S. Savage of Cornell University, starting in this issue. The series of articles on Feeding Dairy Cattle by Professor Savage, published in the World in 1916 proved one of the most valuable as well as popular undertakings of the kind ever attempted by any farm or dairy publication. The Savage Book, as the booklet containing the reprints of these articles has come to be known, is still in great demand among breeders and dairy students.

From the success of the earlier series we are sure the readers of the World will take special interest in the coming series which will deal with the different kinds of feeds that come from the various basic grains, with a careful study of the properties and attributes of each. As a supplement to the earlier series on Feeding Dairy Cattle, which was written from the standpoint of the Holstein breeder, this new series on The Sources of Feeds will prove valuable to the man who wants to keep up to date on his feeding knowledge, and get to the bottom of the problem of feeding his herd intelligently and economically. The second article in the series will appear in one of the late June numbers. We still have on hand a number of copies of the other booklet referred to, Feeding Dairy Cattle, which may be obtained free as long as they last in connection with year's subscription to the World.

The 305 Day Test

ACCORDING to the preliminary advices from Supt. Gardner there has been a falling off in the number of 305-day tests during the past year, to such an extent that even the prize money for this division is not used up. This condition is here in spite of the fact that there is a noticeable increase in interest in long-time testing. This ten-months' test is a very logical test for the practical dairyman, as it enables him to make a long time test on his cows, and at the same time have them freshen approximately every twelve months. It is conceded that much of the trouble from barrenness in connection with long time test work comes from holding the cow open too long after freshening in order to make a record of maximum size. For this reason the ten-months test was instituted, so that breeders might breed their cows early and safely, make a creditable record of this length, give their cows the necessary rest, and still get another calf in twelve or fourteen months. It was argued that the economic gain from the increased number of calves in the life-time of the cow would more than offset the smaller size of the records obtained in the ten month period.

It seems, however, that in spite of these practical arguments, the 10 months test is not meeting with very general favor at the hands of the breeders. At least they are not backing their judgment with their money in carrying on tests of that length. This fact emphasizes the importance of the amendment to be introduced at the Philadelphia meeting by Mr. Noyes, establishing a calving requirement with the 305 day test and proving that cows to be eligible to entry in this division shall drop another calf within fourteen months from the prior freshening and the exact number of days the calf was carried shall be stated on the certificate granted. Thus every breeder who wanted to avail himself of the obvious practical advantages of the ten months test could know that his cows in performing their full dairy functions, were competing only with other cows that were fulfilling their functions in like manner. We believe it will add to the popularity of the test, and express again our hope that it will be adopted when it comes up for a vote at Philadelphia.

PERCENTAGE OF BREEDERS ATTENDING ANNUAL MEETINGS

To W. Hugh Jones, of Pennsylvania, we are indebted for the following information concerning the percentage of members of the Holstein-Friesian Association of America, who have attended annual meetings during the past ten years.

		Per Cent.			Per Cent.
1909	Syracuse	8.21	1914	Chicago	6.02
1910	Syracuse	9.54	1915	Syracuse	4.38
1911	Syracuse	8.83	1916	Detroit	3.77
1912	Syracuse	7.08	1917	Worcester	2.32
1913	Syracuse	4.91	1918	Milwaukee	4.59

This table shows that in the last ten years the proportion of members attending the meetings has dropped so that instead of one member out of every ten or twelve being present, only two to four out of every hundred have been on the job in the Convention each year.

(Continued from page 28.)

ing has increased our knowledge of the food values of milk, cheese and butter, which, as a result, has greatly increased their consumption. These things, together with the depletion of the herds of dairy cattle in Europe during the war has created an almost universal demand for Holstein cattle.

Our breed—the greatest producing and most profitable on the face of the earth—must increase in numbers beyond our conception in order to take care of the demand during the years to come. The Holstein cow is the most efficient producer of human food. She is the most efficient and most economical dairy machine. Dairymen know this, and they are prepared to install these efficient machines in their dairy barns.

The Holstein-Friesian Association of America must be the most representative and efficient exponent of the dairy industry. It must lose no opportunity to become representative and efficient. I am urging, therefore, that the members of the Holstein-Friesian Association of America enlarge the Board of Directors of that body in order to develop the strongest possible line of extension and publicity work. I believe that by enlarging the Board of Directors and bringing in new ideas from new sections and by adding new men to the Board, we will increase our efficiency for extension far beyond the cost of maintaining a larger Board.

"It is my belief that low prices in dairy and agricultural products are a thing of the past."—

H. B. Barney.

AS I look back and review the thirty-eight years that I have been interested in Holsteins in the middle west, I can't help but draw one conclusion, and that is, that the past year will go down in history as one of the most eventful since the small body of men gathered in the east and established the association and herd book.

So far as the west is concerned, our cattle have never been in such demand and the sale ring places indicate a general advance in values. Indications are that these prices have come to stay. It is my belief that low prices in agricultural and dairy products are a thing of the past. The products of our breed are largely marketed through the following channels—market milk, condensaries, cheese factories and creameries.

Iowa depends largely on the creamery for its market. Butter fat is worth at this time from 60 to 65 cents per pound, so why should not these great producers of this commodity be in good demand?

Hogs are selling at about $18 or $19 per hundred and the farmer is beginning to realize that there is no better feed for them than skim milk, fresh from the separator. This is making a large demand for the big milking black and white cow. When butterfat sold, as it did four or five years ago at from 20 to 30 cents, there was little incentive to get into the game. There has been a noticeable change of late that I believe means much to the breed. A poor individual with a good pedigree is no longer in demand. A good individual with a less attractive pedigree is in good demand and will bring the money.

As Dairy and Food Commissioner for Iowa, I have been successful in having enacted in our dairy law the following:

"No person, firm or corporation shall use in any way, in connection or association with the sale or exposure for sale or advertisement of any substance designed to be used as a substitute for butter, the word 'butter,' 'creamery,' or 'dairy,' except as required by section twenty-five hundred seventeen of the code, or the name representation of any breed of dairy cattle, or any combination of such word or words and representation, or any other words or symbols or combination thereof commonly used in the sale of butter."

Besides this there are several other provisions and changes that I think most important and helpful.

We are having rather an over amount of rainfall in the west and a good hay crop and an abundant pasture is insured.

"With the right foundation, good business methods, and straight-forward dealing, the Holstein breeder is surrounded by the most favorable conditions.—

IN reviewing the situation of the last twelve months, it appears to me that never before has the Holstein breeder looked into a brighter future. It might not be amiss to mention a few outstanding developments.

1. More attention is being paid to individuality. The breeder is looking for large robust cows with lots of capacity, not lacking refinement, straight top-lines and well placed udders, as well as for milk and butter production. This is a step in the right direction. It is an indication that the breeder is becoming more of a student and that we are doing more constructive work than in the past.

2. A great many dark colored cows have made splendid records. Look at the picture of Rolo Mercena De Kol. She is about as black as they make them, but it does not detract from the value of the cow in the minds of the breeders. The breeder is beginning to realize that any color on a good cow, is a good color as long as it is black and white. It will keep many a dark, good bull in the breeding ranks, whereas with the old prejudice, he would be relegated to a herd of grades. This is also a step in the right direction.

3. The propaganda in favor of the 305-day record without minimizing the value of the 7-day record also deserves comment. Many cows who have been forced for a year's production and kept unbred beyond the natural breeding time have failed to again breed, resulting in a great loss to the Holstein fraternity. The 305-day test, will, it seems, become more popular, or, our yearly test rules will be revised. I believe this is another step in the right direction. Wisconsin today heads the list as a dairy state. It was not many years ago that the farmers of Wisconsin were sliding down a toboggan anticipating a doubtful landing place. Governor Hoard came to their rescue and showed them how, through dairying, to increase the yields of their fields. The farmer was not long in seeing the wisdom of the Governor's preachings, and as the number of cows increased, the yield of the fields increased. The Holstein cow is mainly responsible for this. Today in driving through Wisconsin one will probably find 75 per cent of the herds black and white, and still there is no let-up in the demand. Every new breeder is an added booster to the Holstein. With the right foundation, good business methods, and straightforward dealing, the Holstein breeder is surrounded by the most favorable conditions.

NEWS FROM THE SECRETARY'S OFFICE

During the week ending May 10, seventy-nine applications for membership were received at the Secretary's office. During the same period 2,894 certificates of registry were issued, 1968 females and 926 males; 3,339 certificates of transfer were written, 2,342 females and 997 males.

Below is a list of prefixes reserved for the same week:

Akinside, George T. and C. E. Penny, Patterson, N. Y.
Atlasta, James A. Muster, Murphysboro, Illinois.
Deerspring, Oliver Z. Coblentz, Middletown, Md.
Gramger, Iman G. Rookstool, Leesburg, Ind.
Lakehurst, Herbert C. Hinz, Sheboygan, Wis.
Lemster, John Bazley, Detroit, Mich.
Patmoor, E. H. Patterson, Buffalo, N. Y.
Quatility,, E. H. Skillman, Smithville Flats, N. Y.
River Dell, Frank Kieffer, Lena, Wisconsin.
Shungavalley, Ira Romig, Topeka, Kansas.
Whitfordholm, E. A. Whitford, Adams Center, N. Y.

The only difference between the boss and the help these days is that the help wears silk shirts.

(Continued from page 23.)

owned by Pabst Stock Farm, Oconomowoc, Wis.

3.—K. P. Lilith Clothilde, dam of King Segis Pontiac Count, whose daughters have broken more than 100 world's records. One of the best daughters of her remarkable sire is K. P. Lilith Clothilde, a former world's champion milk producer. This great cow, who was bred and developed by Stevens Bros.-Hastings Co. made the following records as a junior 4-year-old:

	Butter	Milk
7 days	27.56	600.0
30 days	113.89	2374.5
8 months after calving:		
7 days	17.02	365.4
Semi-official:		
1 year	1043.27	22229.8

Her 7-day butter record stood 11th for the year and her 30-day record 4th. Her butter record in the "8 months division" won second Association prize, and in the semi-official division both her milk and her butter records stood first for the year. Indeed her milk record of 22229 lb. stood for some years as a world's record in her class. The following year she raised her figures in the short time periods to 29.04 lb. butter in 7 days and 120.65 lb. in 30 days. She is a daughter of King of the Pontiacs out of a daughter of Lilith Pauline De Kol's Count. She was bred to King Segis Pontiac and produced King Segis Pontiac Count, owned by Arden Farms, St. Paul. Minn.

4.—Riverside Sadie De Kol Burke, dam of Segis Pontiac De Kol Burke, the greatest present day sire of the Pacific coast. The highest compliment that could be paid to Riverside Sadie De Kol Burke would be to publish a list of her milk records. She broke the world's milk records for all periods from one to 300 days, stood second for year's production and first for two years' production. This performance took place eight years ago, and it is only recently that her records have been beaten in this country. Her records follow:

	Butter	Milk
7 days	32.29	920.8
30 days	130.14	3735.6
60 days	244.56	7120.5
100 days	387.60	11233.4
1 year	1085.13	28826.8
2 years	2065.29	54808.6
Best day's milk		134.7
Six months milk		18275.8

Note that she averaged over 100 lb. milk a day for six months. She has two good record daughters, one 25 lb. and the other 27 lb. both with large year records. She was developed by A. W. Morris & Sons, who bred her to King Segis Pontiac Emperor to produce Segis Pontiac De Kol Burke, now owned by A. W. Morris & Sons Corp., Woodland, Cal.

LATE FIGURE FOR TILLY

The latest report received by this office on the perpetual producer, Tilly Alcartra, gives the following figures:

Butter 7 days	32.58
Milk	717.8

This record was made running on grass with no particular forcing or effort to get the best out of her. The last time we heard from Mr. Morris, they were expecting to send her shortly to Carnation Stock Farm, where she will be bred to Carnation King Sylvia.

The cream of cream separator prosperity goes to De Laval users

There was never greater need than right now for the best separator, skimming cleanest, having greatest capacity, turning easiest, requiring least care, and producing the most perfect product. In all these respects the De Laval has no equal. Take nothing for granted, simply let it be demonstrated to you. See the local De Laval agent or address the nearest general office.

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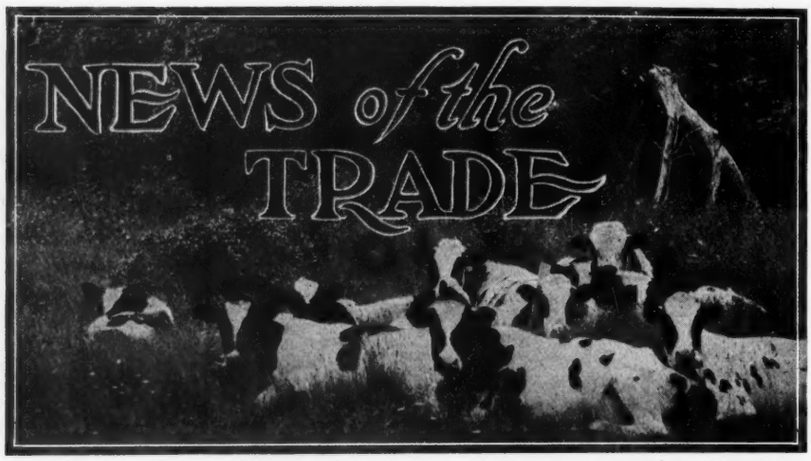


New State Record in California

The state record for seven-day milk production in the senior two-year-old class has recently been broken by Dora Walker, owned by Mrs. Annie Donders, Fresno, California. This heifer who is a daughter of Prince Aralia Walker, has recently completed a record of 664.4 lb. milk, containing 24.144 lb. butter. This milk record is not only a state record for California, but it is the second largest record in the world.

One of the Season's Greatest 4-yr-olds

May Clifden Pontiac, the senior four year old, owned by Daisy Hill Farms, Chagrin Falls, Ohio, has just completed a year record of 25074.6 lbs. milk, containing 1080 lbs. butter. So far as we can judge from records officially reported at this time, this butter record stands second for the year 1918-19 in the senior four year old class.

This wonderful heifer heads the senior four year old class in two other divisions for the official year just passed; her 30 day milk production being 2915.9 lbs. and her butter record in the eight months after calving division being 19.09 lbs. These records stand first in her class according to the first nine official reports from Superintendent Gardner. Her complete list of records follows:

Butter 7 days 30.37
Milk 580.9
Butter 30 days ... 123.25
Milk 2915.9
Eight months after calving
Butter 7 days 19.09
Milk 390.0
Butter 365 days .. 1080.0
Milk 25074.6

May Clifden Pontiac is a daughter of Rose Hall Pontiac Pietertje, one of the best sons of King of the Pontiacs.

News from Daisy Hill

A letter from Mr. Reynolds' Daisy Hill Farms, Chagrin Falls, O., reports two more year records completed by members of their herd. The 30-lb. four-year-old, May Clifden Pontiac, completes her year with 1080 lbs. butter from 25074.6 lbs. milk.

Elmside Colantha Butter Girl, who had a junior two-year-old record of 16.54 lbs. butter in seven days, and 65.81 lbs. in thirty days, has finished her year with 18963.2 lbs. milk containing 714.61 lbs. butter.

Both of these records are very creditable.

K K S V Heifer Breaks State Record

A new state record for Vermont over all ages and breeds has just been established by a junior three-year-old heifer, K. K. S. V. Veeman Laura, owned by John M. Kelley, Chicago with Holstein farms at Williston, Vermont, and Baraboo, Wisconsin.

This heifer's record of 36.02 lbs. stands seventh in her class in the world, and first, as we have said, over all ages in Vermont. She is the highest record junior three-year-old daughter of her famous sire, King Korndyke Sadie Vale, and is his second highest record daughter regardless of age. Her milk production of 569 lbs. is also higher than that of any of the other daughters of her great sire.

King Korndyke Sadie Vale, the sire of this heifer, is, as we all know, the only sire to have a 40-lb daughter, a 40-lb. sister and a 41-lb dam. He now has six daughters with records of 39 to 40 lbs., averaging well over 34 lbs. at an average of 3½ years. The dam, Pleasant Hill Veeman Laura, is a 21-lb. daughter of the great Sir Veeman Hengerveld, one of the best known transmitting sires of the breed.

This heifer is therefore a three-fourths sister to several of the best K. K. S. V. heifers.

Concerning his heifer, Mr. Kelley writes: "She is a magnificent specimen —large, splendid conformation with an udder of outstanding perfection, wonderful muzzel and barrel, and you can lay a brick between her ribs. She was not specially fat when she freshened, and her record was made about five weeks after freshening. She started out with about 25 lbs. She did not reduce the fat from her body and then stop—she had responded in true dairy capacity to increasing feeds, giving proof of the highest dairy quality—the capacity to convert large quantities of feed into milk and butter.

"As a beginner, with farms located at Williston, Vermont, and Baraboo, Wisconsin, we have tested but two animals thus far, both junior three-year-olds. The above K. K. S. V. heifer and the other, Fancher Farm Helen, who at just past three years made 25.25 lbs. butter and 500 lbs. milk in 7 days."

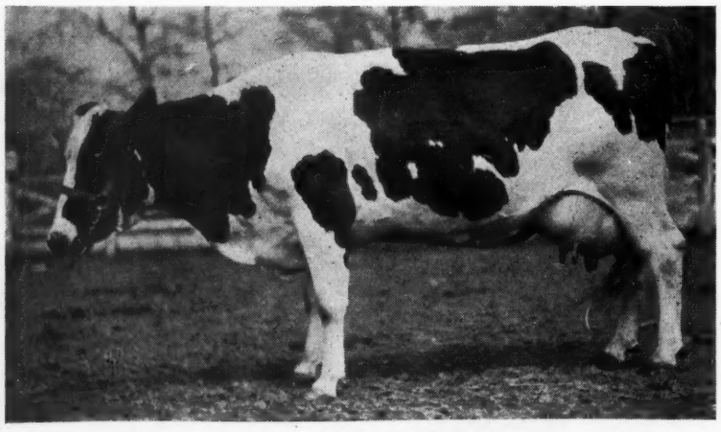
More About the 40-lb. Cow

The new 40-lb. cow at Pine Grove Farms, reported in our columns last week, will probably pass the 41-lb. mark. At last reports Pioneer Bessie had completed a record of 714.2 lbs. milk, containing 40.82 lbs. butter, and was still gaining. This milk production is not quite equal to the figures for her first week, in which she made 40 lbs., which were given to us as 716.5 lbs. She is running very evenly, and her prospects are good for a considerable increase. Her this year's calf is a very handsome young bull, Pioneer Pride, sired by Finderne Johanna Korndyke, a son of the great Finderne Pride Johanna Rue, former champion in semi-official division and present champion in the eight months division.

Both Pioneer Bessie and her son, Pioneer Pride, will be sold in the Pine Grove Dispersal, May 27-30.

Pioneer Bessie was handled by Mr. W. W. Brooks, this being the third 40-lb. record Mr. Brooks has made this season at Pine Grove Farms.

Antrim Farms, Syracuse, have two daughters of Pioneer Bessie, also sired by Finderne Pride Johanna Korndyke, hence full sisters to Pioneer Pride.



MAY CLIFDEN PONTIAC

It is also announced by Pine Grove Farm that Fairview Korndyke Mata, the great 47-lb. daughter of Pontiac Korndyke, has freshened again, dropping a beautiful heifer calf. We would like to see this cow raise her record, but whether she does or not she already has honors enough for one cow.

HAPPENINGS OF THE WEEK

The Holstein-Friesian World this week publishes the largest single issue of a breed publication ever put out. We take a pardonable pride in listing this fact as one of the important happenings of the week.

* * *

John M. Kelley, General Attorney for the biggest circus in the world, with Holstein farms at Williston, Vt., and Baraboo, Wis., reports the record K K S V Veeman Laura as 36.02 lb. as a jr. 3-year-old. This is the largest record ever made in the state of Vermont by any cow of any age or breed, is the seventh largest junior 3-year-old record in the world and the largest record for age of any daughter of King Korndyke Sadie Vale.

* * *

The California State Record for seven days' milk in the senior two-year-old class has just been broken by Dora Walker, with 664.4 lb. This record is the second largest in the world for a heifer of her class. She is owned by Mrs. Annie Donders, Fresno, Cal.

* * *

Dutchland Rag Apple Olive, owned by Fred F. Field Holstein Co., has just completed a record of 36.01 lb. butter from over 600 lb. milk. She is a daughter of Dutchland Sir Pontiac Rag Apple out of a 30-lb. daughter of Colantha Johanna Lad.

* * *

May Clifden Pontiac, one of the sensations of the past testing season, who so far as we know, will receive First Association Prize, for 30 days' milk, and for butter 8 months after calving, has just completed her year as a senior 4-year-old with 1080 lb. butter from 25,074.6 lb. milk.

* * *

A new entry to the charmed circle of cows with four different 30-lb. records is Kookee De Kol 2d., who has just completed her fourth record above 30 lb. This is her largest record of the four, the figures being:

Butter 7 days 36.21
Milk 740.0
Butter 30 days 143.50
Milk 3095.0

This is also her fourth record above 700 lb. milk and her fourth above 128 lb. butter in 30 days. Her 30-day milk records have all been above 3000 lb. except one which was 2917 lb. She has a daughter who has just produced 713.8 milk in a week. Both are owned by J. G. Dutcher, Pawling, N. Y.

* * *

Corrected figures for O K L Albina, who broke three world's records in the senior 2-year-old class last year, are as follows:

At 4 yr 6 mo—
Butter 7 days 32.69
Milk 651.7
Average per cent fat 4.01
Butter 30 days 129.09
Milk 2633.5
Average per cent fat 3.92

This splendid daughter of Ormsby Korndyke Lad is owned by Julius Schmid, Montgomery, N. Y.

THE 49TH 40-LB. COW

Delavan, Wis., May 13, 1919.

To All Interested:

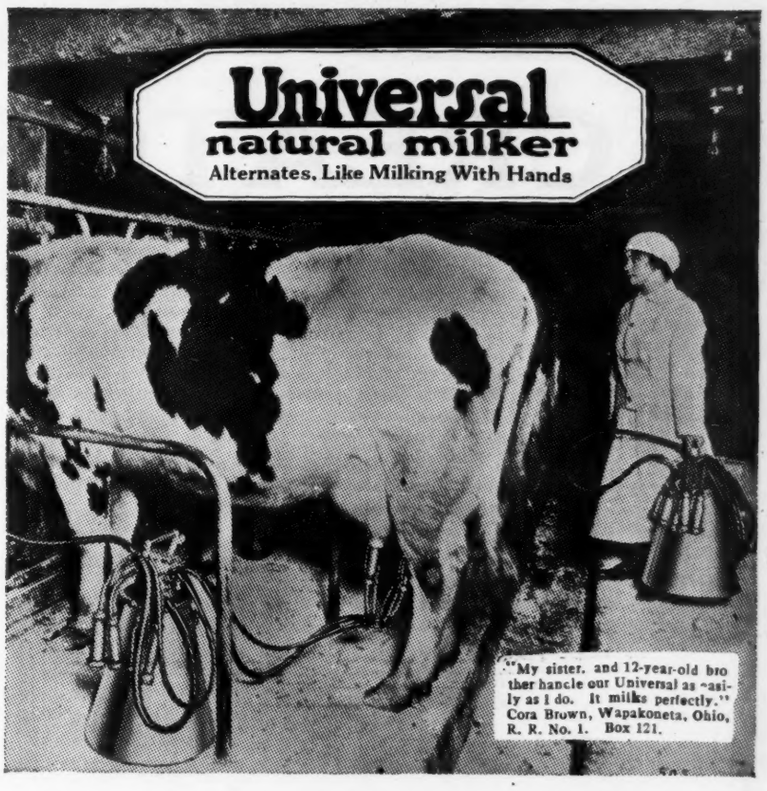
I am advised through preliminary reports and by wire that the Holstein-Friesian cow, Pioneer Bessie 226689 has shown a production of 716.5 lbs. milk containing 32.05 lbs. fat in seven consecutive days with the test still in progress. She freshened at the age of 6 years, 4 months, 24 days. Her sire is Prince Hazel Korndyke 51255; her dam is Bessie Kay of Fine View 138154. She was bred by Mr. Edwin K. Munro, Camillus, N. Y., and is now owned by Mr. Oliver Cabana, Jr., Elma, N. Y. With this production she is the forty-ninth cow to obtain place in the list of Holstein-Friesian cows with productions exceeding 32 lbs. fat in seven days. Computed on the 80 per cent. basis, the equivalent butter claimed for Pioneer Bessie is 40.06 lbs.

Malcolm H. Gardner, Supt. A. R.

LUCK FOR THOMPSON

It was a lucky thing for R. M. Thompson, Heuvelton, N. Y. that his cow, Fineview Duplicate, freshened before the Moyer National sale instead of just after it. Mr. Thompson had consigned her to the sale, and now, only a few weeks before the sale, we hear of her freshening and making the very creditable record of over 30 lb. butter from over 700 lb. milk. At last report, the test was still in progress, and there is a good chance of her increasing these figures. Her junior three-year-old daughter, also consigned to the Moyer sale, is making a record of 25.20 lb. butter from 575 lb. milk, and probably is going

(Continued on page 44.)



A Dozen Hands Are Better Than Two

One person, with the Universal Natural Milker, can milk three cows in less time than it requires to milk one by hand.

Today farm labor is scarce. The Universal will do your milking better and quicker than hired help—and a boy or girl of twelve can operate it.

It is easily attached, and milks in nature's way, with a gentle suction and massage similar in action to the calf's tongue.

It alternates, milking two teats at a stroke, allowing the other two to rest and refill.

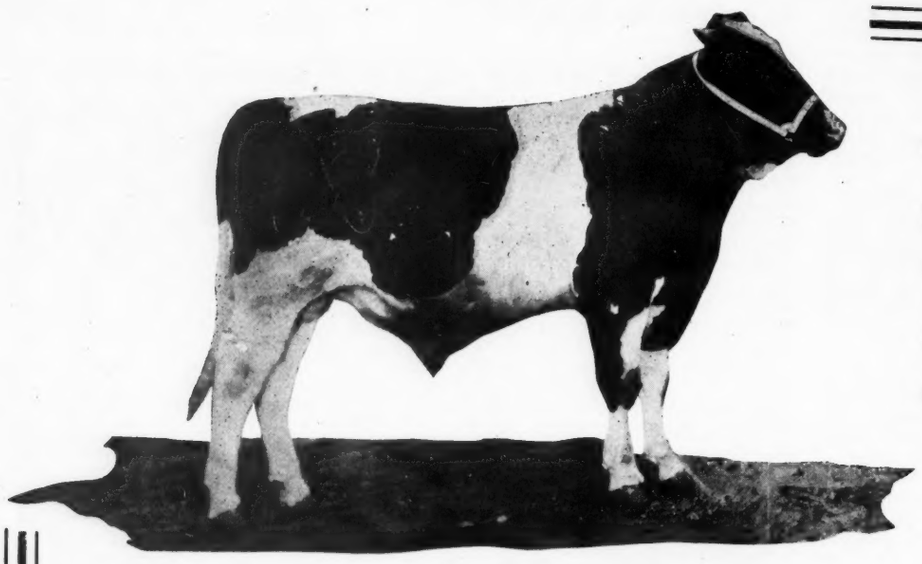
It is sanitary and easily cleaned.

Once you use the Universal you would not do without one. The rubber lined Universal teat cup fits any cow.

Buy a Universal and save money. "It Pays its Way, Every Day."

Write for catalogue, today.

The Universal Milking Machine Company
207 Mound St., Columbus, Ohio



This is the Bull Selected to Cross With Our 150 Daughters of King Pontiac Champion

CREATOR

A Son of a Three Times 1000-lb. Dam by a Sire with More 1000-lb. Daughters than Any Other Bull of the Breed

The Junior Sire

A son of Sir Pietertje Ormsby Mercedes and Spring Brook Bess Burke 2d. His own great dam has a record of 1290 lbs. butter in a year and has three times made better than 35 lb. in connection with yearly records above 1000 lb.. The second dam also has a year record of over 1000 lbs. butter and has produced three daughters, each of which have made over 1000 lbs. butter in a year. She is the only 1000-lb. cow with three 1000-lb. daughters and these same daughters have each made better than 33 lbs. butter in a week. Creator is a full brother to Bess Johanna Ormsby with a year record of 40.78 lbs. as a 4-year-old and a year record of 881 lbs. butter as a senior 2-year-old. He comes from a family noted for its size, its splendid individuality and long time work.

His Sire

Sir Pietertje Ormsby Mercedes has more 1000-lb. daughters than any other bull of the breed. 6 of his 1000-lb. daughters made their records in heifer form. 2 of his daughters have made over 40 lbs. in a week and 11 have made over 30 lbs. He is the sire of the only 30,000-lb. heifer and is generally regarded as the greatest sire of his age. His daughters have 22 records that average over 1000 lb. butter, 21,000 lb. milk at 3y 10m.

HIS DAM---SPRING BROOK BESS BURKE 2d

Butter 7 days	38.22
Butter 1 year	1290.00
Three times over	35.00
Three times over	1000.00

Dam of a 40-lb. 4-year-old.

HIS GRANDAM---SPRING BROOK BESS BURKE

Butter 7 days	34.80
Butter 1 year	1094.16

The only 1000-lb. cow with 3 1000-lb. daughters.

HIS FULL SISTER---BESS JOHANNA ORMSBY

Butter 7 days at 4 years	40.78
Milk	659.60
Butter 1 yr. at 2½ years	881.19
Milk	17801.30
Butter 7 days at 2½ years	25.90
Milk	452.40

Nearly all of the daughters of King Pontiac Champion have been crossed with Creator, including Champion Dora Korndyke mentioned above. The daughters of the senior sire are noted for their size, individuality, constitutional vigor and udder development, plus their ability to produce in both short and long time tests.

The combination of these qualities, together with the Bess Burke and Sir Pietertje Ormsby Mercedes crosses through Creator enables us to offer a line of breeding not to be duplicated in any other herd in the world.

We will soon be in a position to offer sons of Creator out of daughters of King Pontiac Champion.

PABST STOCK FARM Oconomowoc, Wis.

THE PABST SIRES

King Pontiac Champion--CREATOR

The Senior Sire

King Pontiac Champion is a son of King of the Pontiacs from Maid Mutual De Kol with a record of 31.30 lbs. butter from 567.9 lbs. milk in 7 days, 117.2 lbs. butter from 2337 lbs. milk in 30 days. He is now 11 years old and has 150 living daughters in the Pabst herd. Up to the present time 92 of his daughters, or an increase of exactly 30 since Volume 28, have made records, 16 of which have made over 30 lbs. all since January 1918. 65 of his 92 daughters or over 70 per cent have made better than 20 lbs. and but 8 of the number were of full age. 12 of his daughters have made records from 20 to 25 lbs. as 2-year-olds. 2 of his daughters have crossed the 1000-lb. mark, one as a senior 2-year-old and 9 have made over 800 lbs. in a year, 3 of which were of full age, 3 2-year-olds, 3 3-year-olds and 1 4-year-old.

During the year 1917-1918 he led all sires in the number of prize winning daughters, he also stood first in number of 30-lb. daughters as well as in number of semi-officially tested daughters. He has more A. R. O. daughters, more 30-lb. daughters, more 25-lb. daughters, more 20 lb. daughters than has any other son of his sire and the average semi-official records of all his daughters is unequalled by any bull living today.

Champion Dora Korndyke, one of his first full aged daughters to complete a year record has made 1315 lbs. butter from 29395 lbs. milk, displacing Colantha 4th's Johanna who has held the Wisconsin state record for 12 years. Champion Dora Korndyke, therefore, is the leading yearly record cow of all breeds in the state of Wisconsin and is a typical daughter of her sire.

RECORDS OF 30-LB. DAUGHTERS

Pabst Champion	35.38
Champion Dora Korndyke	34.49
Pabst Brunella, 4½y	32.72
Pabst Kinnikinic, 4½y	32.17
Pabst Virginia Rose, 3½y	32.15
Pabst Cornflower, 4y	32.02
Pabst Carnation, 4½y	31.61
Pabst Cynthia, 4½y	31.20
Pabst Queen Mechthilde	31.42
Champion Beauty Hengerveld	31.29
Pabst Shadeland Champion, 3y	31.25
Pabst Champion Aaggie Colanthus	31.05
Pabst Clover Blossom	30.71
Pabst Queen Minnie Sandes	30.56
Pabst Sweet Clover	30.54
Pabst Wild Balsam	30.08

RECORDS OF 20-LB. 2-YR-OLD DAUGHTERS

Pabst Lily of the Val.	2-7-28	400.5	24.16
Pabst Champ. Heng.	2-8-28	415.2	25.37
Pabst Cornflower	2-6-28	461.6	24.66
Pabst Champ. Joh.	2-3-26	425.3	24.32
Pabst Lulu Lady	2-2-29	502.4	22.54
Pabst Virginia Rose	2-5-27	467.4	22.18
Champ. Beau. Heng.	2-3-1	422.7	21.94
Pabst Champ. Orchid	2-11-3	463.5	21.28
Pabst Iris	2-9-12	424.5	20.75
Pabst Carnation	2-11-14	452.7	20.07
Pabst Brunella	2-8-2	428.5	20.05

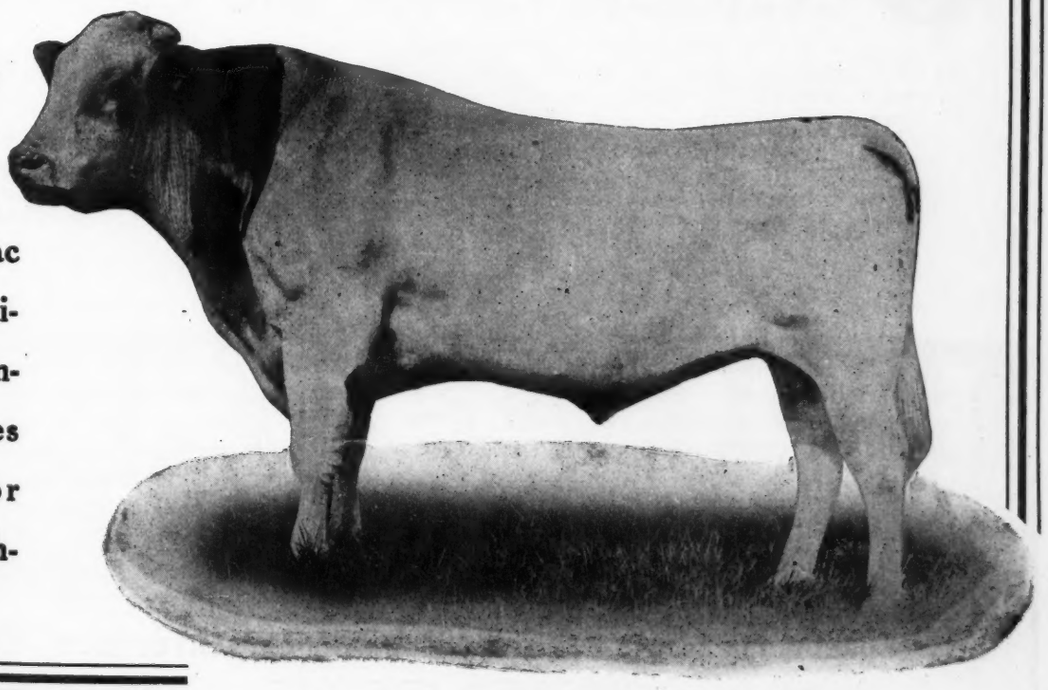
RECORDS OF SEMI-OFFICIAL DAUGHTERS

Champion Dora Korndyke	29395.7	1315.9
Champion Dora Korndyke	23013.1	1024.0
Pabst Champ. Heng., 2½y		1004.0
Pabst Champ. Aag. Colan.		909.0
Pabst Pont. Duchess	20576.6	898.5
Pabst Goldenrod, 3½y	20860.8	879.8
Pabst Dandelion, 3½y	18900.	872.5
Pabst Lulu Lady, 2y	20002.9	849.2
Pabst Virginia Rose, 2y	17345.2	826.5
Pabst Clematis, 4y	18560.6	818.5
Pabst Pontiac Aaggie, 3y	18824.1	808.7
Pabst Champion	15776.	776.5
Pabst Buttercup, 3½y	17236.9	740.1
Pabst Brunella, 2½y	15688.1	725.8
Pabst Lily of the Valley	17006.1	795.8

KING PONTIAC CHAMPION

92 A. R. O. Daughters
16 30-lb. Daughters
2 1000-lb. Daughters

He With His Sire (King of the Pontiacs) and His Grandsire (Pontiac Korndyke) Constitute the Only Combination of Sires Each with 15 or More 30-lb. Daughters



(Continued from page 41.)
higher. Fineview Duplicate is a daughter of King Segis Pontiac Duplicate, out of the 25-lb. 3-year-old, Jewel Prize 4th. These two records should materially increase the value of Mr. Thompson's consignment to Philadelphia.

HISTORIC PHILADELPHIA

Holstein enthusiasts who attend the big Annual convention at Philadelphia, will probably find their time too full to have much opportunity to observe the many points of historical interest to be found in the City of Brotherly Love. In case, however, that anyone does find time hanging heavy on his hands, he should not fail to visit some of the following places:

Independence Hall, Chestnut St. between Fifth and Sixth streets. Occupied by the Colonial Assembly, the Governor and his Council, the Supreme Court, the Second Continental Congress, and the Constitutional Convention of 1787.

Congress Hall, occupied by Congress 1790-1800.

Old City Hall (1790).

Free Quakers' Meeting House (1783).

Christ Church Burying Ground, where Benjamin Franklin is buried.

First United States Bank, occupied 1797.

Second United States Bank, now Custom house.

St. Joseph's Roman Catholic church (1733).

Old Markets, Second St. above South (1745). And dozens of other interesting buildings.

CANADA'S REPRESENTATION AT THE NATIONAL

A splendid testimonial to the aggressive spirit of Canada's Holstein men is the representation the Dominion will have at the coming Moyer National Sale. It is a splendid testimonial because of the unselfishness displayed in consigning many of the very greatest animals Canada has produced,—in fact, in more than one instance her very best. Needless to say the breed has had a great uplift in the Dominion through the recent performance of Rolo Mercena De Kol, the only 51-lb. cow in the world, and it is a commendable act, which the U. S. breeders will appreciate, in having her sent to the United States for appraisal. While the sale of any out-of-the-ordinary cow attracts nation wide interest, it is doubtful if the sale of any one animal has created so much interest as did the announcement that this champion of all champions would be featured at Philadelphia. Since the time of the announcement of her world champion records for both 7 and 30 days, Rolo Mercena De Kol has been the most talked of cow in the world and we are sure American breeders appreciate the spirit their fellow breeder has displayed in submitting her to them for their consideration. We are confident when the sale is over they will have proven to him his trust was not misplaced. Along with Rolo is consigned the only daughter of a 51-lb. cow to be offered the public. This is the last calf of the champion cow of the world. Everyone knows these two animals are being sent by J. B. Hanmer of Norwich, Ontario, who is also sending with them the world champion 3-year-old for butter production, her daughter, her 31-lb dam, and her daughter.

The sale has also drawn heavily on the herd maintained by Dr. F. A. Heslop at Ridgedale Farm, Freeman, Ontario. Dr. Heslop is sending a 31-lb. daughter of Canada's former world champion 43-lb. cow, Lakeview Dutchland Artis, also a son and granddaughter of this 43-lb. cow. A fourth member of his consignment is Lakeview Dutchland Calamity Rose, a senior 2-yr-old that with first calf made over 31 lbs., which is a world record. These four animals are fairly representative of Dr. Heslop's herd, which is described as one of Canada's very best.

The Oak Park herd of H. H. Bailey is also sending a very pleasing consignment featuring the great cow, Helbon Beauty Bonheur and her two daughters. This cow has a 7-day record of over 31 lb. butter from 630 lbs. milk and one of the daughters, also a very beautiful individual, has just made better than 31 lbs. butter from over 600 lbs. milk. The second daughter is a 2-year-old, and like her famous dam and sister, is a very beautiful individual. With these three Mr. Bailey is sending Maplegrove Hesseltje De Kol with a 7-day record of 755.9 lbs. milk and a 30-day record of 3091.4 lbs., having produced 110 lbs. her best day. Her daughters are 2 and 3 years of age, one of them being sired by the

(Continued on page 48.)

To Owners and Breeders of Valuable Horses and Cattle

The Chautauqua Co-operative Live Stock Insurance Company

Insures Your Stock Against Death From Any Cause

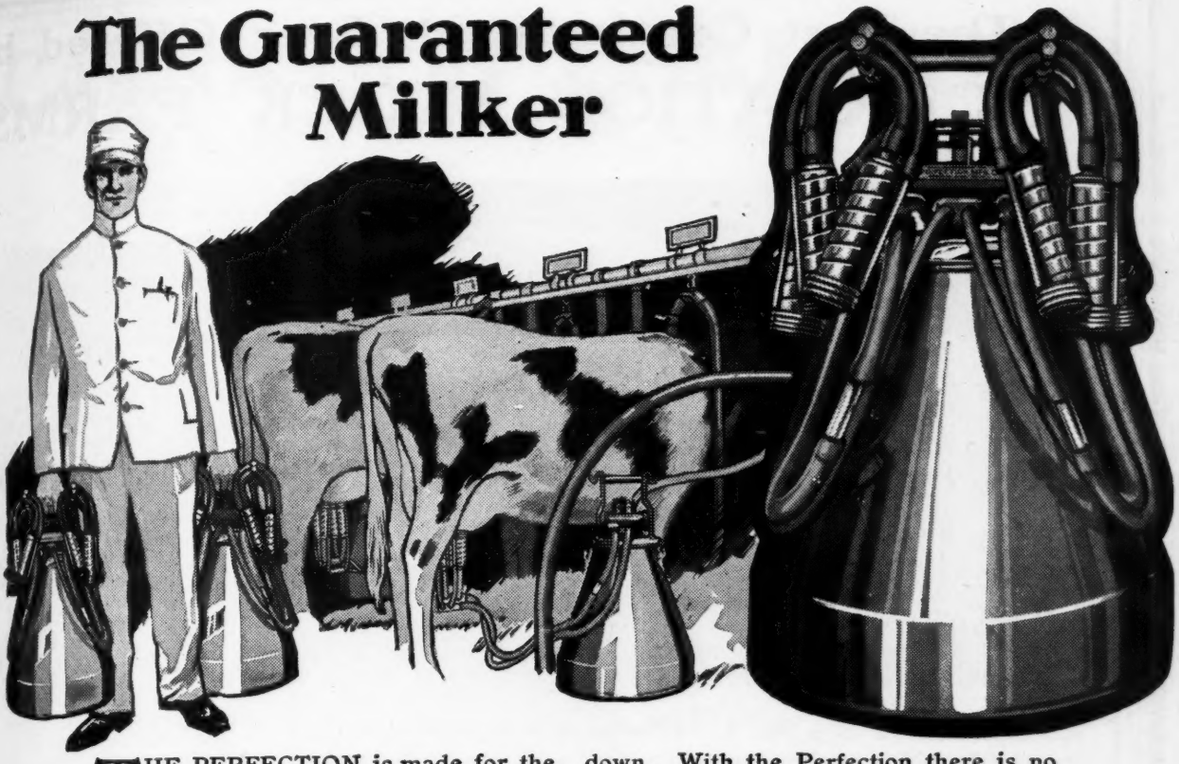
We issue a special sale policy for 30, 60, 90 days, which covers the shipping risk to and from the sale. We will gladly explain our proposition to you if interested. We have some very valuable territory open for agencies, if interested, write us.

THE CHAUTAUQUA was organized and incorporated under the laws of New York State in 1908 and has continuously sold insurance on livestock since that time. Our losses are paid promptly and we are paying to live stock owners in New York State an average of $3000 monthly. Buy a policy in the Chautauqua and have the best protection you can buy.

The Chautauqua Co-operative Live Stock Insurance Company

WESTFIELD, NEW YORK

The Guaranteed Milker



THE PERFECTION is made for the man who wants a milker he can depend on. Month in and month out, summer and winter, the Perfection does the milking without balking or breaking down. With the Perfection there is no complicated mechanism to operate and no clockwork to get out of order. It is the guaranteed milker with a reputation for reliability, simplicity, and mechanical perfection.

Milks Like The Calf

The sucking calf and not the human hand is the original milker. The calf sucks on the teat, squeezes it towards his throat downward with his tongue and the roof of his mouth, then stops sucking momentarily while swallowing. When the calf stops sucking, the blood in the teat flows back into the udder.

The Perfection Teat Cup is the one which faithfully reproduces these three actions of gentle suction, downward squeeze and a period of complete release. That is why such famous dairymen as G. G. Burlingame, of Cazenovia, New York; Grahamholm Farm of Rochester, Minnesota, and G. K. Herzog & Company of San Anselmo, California, use the Perfection on their valuable cows.

Keep More Cows

You can increase your herd and make more profit, in spite of labor problems, if you have a Perfection to help you. One man with a Perfection can do the work of three men at milking time. In an emergency, your wife or daughter can do the milking.

"What The Dairyman Wants to Know"—Free

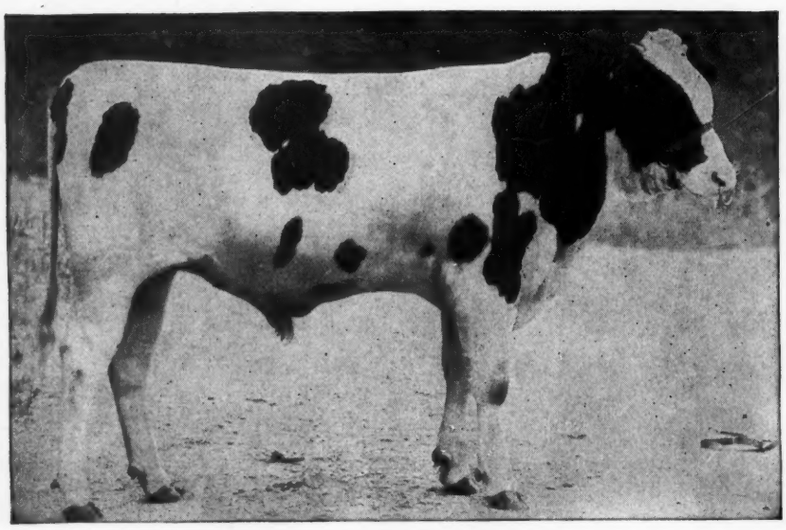
You will find every question you can think of about mechanical milkers answered in the great book, "What the Dairyman Wants to Know". It contains the experience of hundreds of practical farmers. Not one word of theory—just straight-from-the-shoulder *information*. Write now for your free copy.

Perfection Manufacturing Company

2136 E. Hennepin Avenue :: Minneapolis, Minnesota

PERFECTION MILKER

The Best Consignment Ever Offered by CARNATION STOCK FARMS



5 (Federal Inspected) Cow

Bred to

($106,000)

Carnation King Sylvia

Carnation Herd Sire No. 1. (Photograph at eight months)

Read these brief descriptions. Full pedigree in catalogue

HOUWTJE MATADOR CANARY, H. B. No. 401742
Ear Tag No. 675. Born August 31, 1917

Daughter of Matador Segis Walker

A fine sister to 40-lb. daughter of our senior herd sire, Matador Segis Walker, a grandson of King Segis. We have now close to 100 daughters of Matador in our herd, every-one a picture of combined individuality and production. This heifer is nearly all white, a grand individual and well grown. Her dam is due in May and is a great prospect for better than 30 lb.. Bred 2-11-19 to Carnation King Sylvia.

MATADOR JOHANNA SEGIS, H. B. No. 419903
Ear Tag No. 820. Born December 8, 1917.

Daughter of Johanna McKinley Segis

A very fine individual daughter of Johanna McKinley Segis (40-lb.), and out of one of the greatest cows in our herd. This heifer's dam made her wonderful three-year-old record of 30 lbs. fater having milk fever very badly This youngster is dark in color, well grown and nicely balanced up with a big middle, a great length and a very strong pair of hips. She was bred April 11th, 1919 to Carnation King Sylvia.

SEGIS DE KOL FLOWER, H. B. No. 266385.
Ear Tag No. 855. Born August 1, 1914.

Daughter of King Segis Tenth

A daughter of King Segis 10th (son of King Segis). Individually one of the best; bred along great producing lines and in calf to Carnation King Sylvia, the perfect Holstein bull. What more need be said about this wonderful heifer? Bred April 6, 1919 to Carnation King Sylvia.

2y 10m 6d, M-468.3; B-24.595; M-2079.7; B-90.701 (30).
4y 5m 6d, M-562.4; B-29.306; M-2610.2; B-105.596 (30).
On semi-official test. Record will be reported at sale time.

BEAUTY PIETERTJE SEGIS WALKER, H. B. No. 41[illegible]
Ear Tag No. 822. Born Oct. 1, 1917.

Daughter of Matador Segis Walker

One of the very few daughters of Matador Segis Walker (our senior [illegible] show ring sire) to be offered at public sale. A good individual three-fourths white, nicely loined and carrying a good depe middle. Matador's daughters (one with 40 lbs. at three years) are all good size, running from 1[illegible] lb. to 1500 lb. as two-year-olds. She is bred to freshen in November to Carnation King Sylvia. Bred February 15, 1919.

CARNATION DAISY McKINLEY, H. B. No. 3[illegible]
Ear Tag No. 826. Born June 6, 1917.

Daughter of Johanna McKinley Segis

In this heifer we are offering one of the choice yearling daughters of Johanna McKinley Segis. Her dam made over 26 lb. as a 3-year-old and is [illegible] again at sale time and surely looks like a 30-lb. cow. We have a two-year-old daughter of this cow on semi-official test now—in seven days she made [illegible] lb. and six months after calving is milking over 65 lb. daily. Carnation Daisy McKinley is 7-8 white, well grown and a good individual. A heifer showing promise of great dairy capacity. Bred 1-30-19 to Carnation King Sylvia.

Son of Tietje Queen De Kol

Also 42-lb. bull; on another page [illegible] given a full description of our special offering of 42 lb. blood [illegible] son of Tietje ueen De Kol—the [illegible] cow with two 42-lb. daughters. This animal, Carnation Champion, was [illegible] by Johanna McKinley Segis—out of a 40-lb. cow, Johanna De Kol Van [illegible]

Read full description.

Washington Farm
Carnation, Wash.
Office, 1067 Stuart Bldg.,
Seattle.

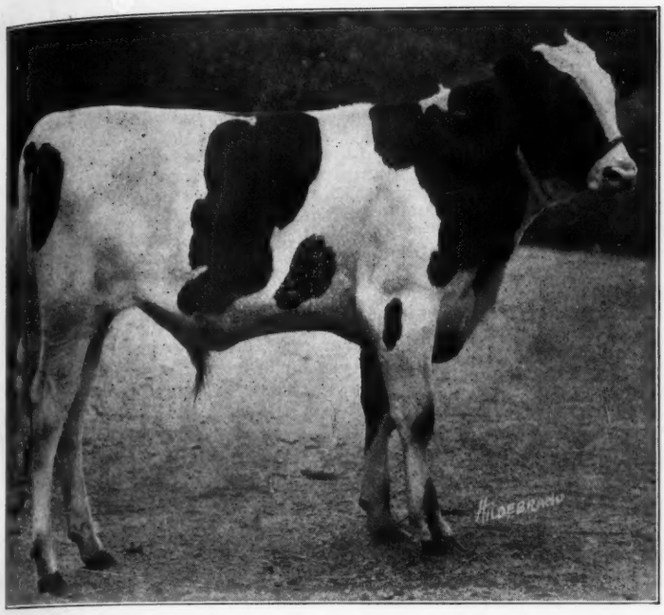
Carnation Stock Farms

Wisconsin Farm
Oconomowoc, Wis

CARNATION CHAMPION

To be Sold at Philadelphia Sale, June 6-7, 1919

40.42-Lb. Breeding that Can't Be Beaten



The Richest Bred 40-Lb. Bull of the Breed

Brother to first cow to sell for $18,000 at public auction

CARNATION CHAMPION Son of TIETJE QUEEN DE KOL

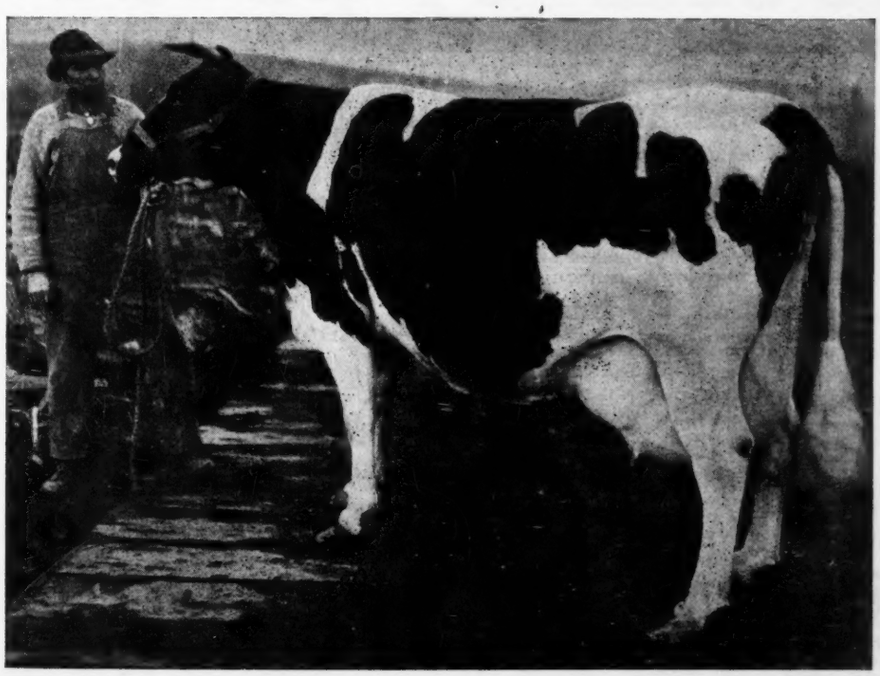
The First 42-lb. Cow with Two 42-lb. Daughters

Carnation Champion was bred and raised by Carnation Stock Farms—(Seattle).

Her daughter, Glen Alex Queen De Kol holds the world's record as a two-year-old with 41.135 lbs. of butter, and Tietje Queen De Kol 2d has 43.25 lbs. record as a 4½-year-old, while Glen Alex Tweede De Kol, third daughter has 30.99 lbs. as a 1½-year-old.

CARNATION CHAMPION is large, straight, well marked, and a good individual. The two nearest dams average 41.16 lbs. The average of the dam and her two daughters, and the sire's dam is 41.979 lbs. of butter.

This young animal is a very fine individual, developing wonderfully. The sire was a remarkable animal, Johanna McKinley Segis, whose daughters are making great records and whose sons are also making good, one siring the first 30-lb. junior two-year-old.



Read Full Pedigree and Appreciate this Quality Breeding

(Continued from page 44.)
great show bull, Lakeview Dutchland Hengerveld 2d. At the head of this consignment is Roycroft Clothilde Echo, a yearling grandson of Avon Pontiac Echo from the Canadian champion junior 3-year-old with a record of 33.71 lbs. Mr. Bailey's entire consignment is made up of either 31-lb. cows or daughters or sons of 31-lb cows.

Wm. Cox of Hamilton, is consigning a son of the present world champion senior first calf 2-year-old and Sherrick Bros. are sending a very flashy individual youngster, in Korndyke Geiske Raymondale, a grandson of May Echo Sylvia and Pontiac Korndyke Het-Loo, both widely known in the Dominion.

It would not be proper to mention the Canadian contingent without referring to the May Echo blood from the herd of Purtelle & Leavens, also the Hardy consignment. The former gentlemen are sending twin daughters of Champion Echo Sylvia Pontiac and the latter party is sending two of his daughters from remarkably well bred dams. Mr. Hardy is also sending the last son of the great May Echo Sylvia, sired by King Valdessa Pontiac, one of the leading young sires in the States. This calf, which will be about 5 months old at the time of the sale, is from the same dam as the $106,000 bull and is in many respects the richest bred son of May Echo Sylvia. He is in fact her only son having for his sire a bull with his three near dams all 40-lb. cows. Mr. Hardy is also sending twin sons of Belle Model Pietje, a cow that is equally as well known in the United States as in Canada, she having three times made over 33 lbs. and with her dam constitute the only dam and daughter, each of which have made two 35-lb. records.

The Canadian breeders have been highly successful in giving to the breed some of its very greatest animals and the management of the sale, pride themselves on having obtained a consignment from these loyal men. That they will return to their homes well rewarded for their loyalty is a foregone conclusion.

A MILLION DOLLAR DEAL

Over a million and a half dollars have been placed at the disposal of George Knilans, manager of Edgewater Stock Farms, Fort Atkinson, Wis., by a Mexican company financed by Americans. This money is to be used in the purchase of ten thousand high grade cattle, mostly Holsteins and Guernseys.

Mr. Knilans received his commission from Mrs. M. de Cornelle, and Miss H. Sullivan, representatives of the Mexican company.

It is said that the company, which operates a fifty thousand acre tract of rich land in the vicinity of Mexico City, has two and one half million dollars at its disposal, to be used in the purchase of cattle and farm machinery. This tract of land was purchased from the Mexican owners, and has been split up into one hundred farms of five hundred acres each. The farms will be stocked with high grade cattle, and up-to-date American equipment, tractors, etc. will be installed within the next few months.

The cattle will be sent from Wisconsin to Laredo, Texas, in stock cars, and then as American railroad companies will not permit their cars to be sent across the river into Mexico, they will be re-shipped across the border in two express cars purchased by the Mexican company. Seven hundred animals must be shipped across the border before July 1, and from then on shipment will be continuous. The entire consignment should be in Mexico City before next winter. Mr. Knilans expects to have to canvass the entire state of Wisconsin to get the number of cattle of the type he desires. This is said to be the biggest single purchase in the history of stock business in the state of Wisconsin.

LINCOLN COUNTY, WIS., BREEDERS ORGANIZE

The Holstein Breeders' Association of Lincoln County, Wis., held a re-organization meeting recently, at which the following officers were re-elected: President; L. J. O'Reilly, Vice-President; Albert White, Secretary; A. A. Searl, Treasurer; Harry Herman.

It was voted to hold a picnic, June 18, which will include a public sale of grade and purebred cattle. A large number of high-class animals have already been promised, and a good sale as well as a good picnic, is expected.

The pharmacist's mate was grouching about the dust in the fo'c's'l. He said it was an inch thick on his bunk! Someone doubted it so he handed down the bunk to prove it. No dust!

"Well," he insisted, "it's here anyhow. It's been too d——d rough for it to settle today."

Coons Cypress Silo

The Sensation In The Silo World

Just as steam and gasoline have superseded slow-going methods of the past—just as electricity has replaced the tallow candle, COONS CYPRESS SILO will succeed crude silo construction of the past

You owe it to yourself to GET THE FACTS—LEARN THE TRUTH ABOUT A REAL SILO SUCCESS. Learn how COONS CYPRESS SILO has overcome the obstacles found in other silos, standing out in bold contrast, a finished, fully developed, modern building.

No Hoops To Tighten—No Staves To Fall Apart

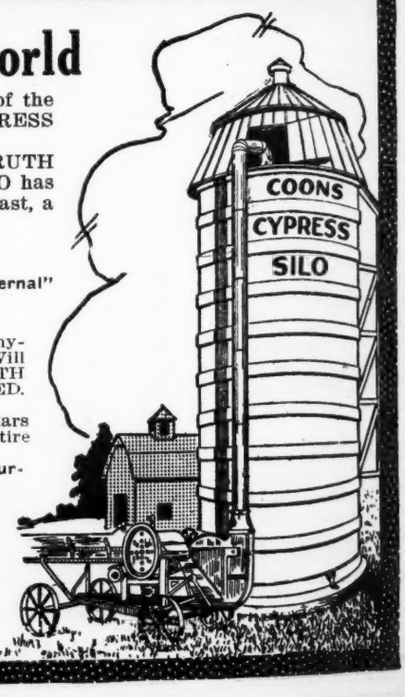
Only American silo made exclusively of pure heart cypress, the "Wood Eternal" —the material that ABSOLUTELY DEFIES DECAY.

Constructed on a New Principle

NEW THREE-PLY WALL. BUILT IN SECTIONS—Easily Erected Anywhere. THREE TIMES THE RESISTANCE OF THE ORDINARY WALL. Will not WARP, BEND, BREAK or BLOW DOWN. ANCHORED IN THE EARTH BY A NEW METHOD—NO GUY WIRES OR OUTSIDE AID REQUIRED. Guaranteed to stand the stress and storms.

Big Dairy Operators have put their faith, their interest and their dollars behind COONS CYPRESS SILO, after close, critical investigation of the entire field.

Our big, new art booklet should be in the hands of every prospective purchaser of a silo—your copy is ready. Write now.



Monroe Sales Company(Inc., Monroe, Wisionsin, General Distributors for Wisronsin, Minnesota, Iowa ann Illinois.

CYPRESS "THE WOOD ETERNAL"

COONS CYPRESS SILO CO.

Dept. H-W. Patterson, La.

A WALDORF BULL at WAYSIDE

Last June at the National Sale we purchased of Avondale Farms, Brockville, Ont.

KING WALDORF PIETJE ECHO

Two Nearest Dams Average 38.65 Butter---880.90 Milk

His dam—Lady Waldorf Pietje.

She has a series of remarkably well-balanced records, surpassed by very few cows.

	Butter.	Milk.
At 25 months—		
7 days	25.36	520.30
30 days	104.95	1950.9
13 months later (3 yr. 2 mo.)—		
7 days	32.12	600.2
30 days	127.05	2459.4
11 months later (4 yr. 1 mo.)—		
7 days	36.30	736.7
30 days	150.95	3035.3
13 months later (5 yr. 4 mo.)—		
7 days	35.39	762.5
30 days	146.86	3264.6

"The greatest and most perfect cow I ever laid my eyes on." This is what Mr. Ralph Stevens says of her. And so you will find

HIS BROTHER—Sir Pontiac Waldorf Pietje at the head of the famous Brookside herd.

HIS SISTER—Lady Waldorf Pietje 2d has a remarkable record of 28.46 lbs. butter in 7 days at 2 yrs. 2 days.

HIS SIRE—Champion Echo Sylvia Pontiac, son of the great May Echo Sylvia, 41.00 butter, 1005 lbs. milk in 7 days (four 7-day records average 37.22). He is therefore brother to the $106,000 bull, Carnation King Sylvia.

Herd of 80 head. King's first sons for sale. Services offered to a few good cows. Write us.

Established **WAYSIDE STOCK FARM** In 1898

A. L. WILLIAMS ESTATE **C. A. WILLIAMS, Exec.**

Fond du Lac, Wis.

FOND DU LAC BREEDERS ANNUAL PICNIC

The annual picnic of the Fond du Lac County (Wis.) Holstein Breeders Association will be held this year at the home of President S. H. Bird, South Byron, on Thursday, June 26.

Earl J. Cooper, assistant leader of the Wisconsin Boys and Girls Clubs will be the speaker and will talk especially to the members of the Fond du Lac County Boys and Girls Holstein Calf Club which numbers one hundred members.

It is planned to hold an auction sale of purebred Holstein bulls at this time, bids being accepted only from those farmers who have grade herds.

A picnic dinner will be served on the spacious lawns of Mound Prairie Stock Farm. E. M. Jenison.

EASTERN NEW YORK BREEDERS OUTING AT BEAVER DAM

In spite of an almost continuous rain throughout the day, over a hundred Eastern New York breeders and their families braved the elements and the slippery roads to attend the field day at Beaver Dam Stock Farm, Montgomery, N. Y., May 17. To meet the emergency the garage was cleared out, and shavings sprinkled on the floor to make it home-like. Here the guests ate their lunches, which were supplemented by "hot dog" sandwiches, coffee and ice cream provided by Mr. and Mrs. Schmid. Before lunch time, however, the real feast was enjoyed, and most of the visitors finished off the day with another liberal helping of the same. We refer to the inspection of the herd at Beaver Dam. The boys had taken great pains to have everything in spotless condition, with information cards hung up back of each cow, telling of her record and other interesting facts of her breeding, etc. Thus it was not necessary to be personally conducted through the barns to know just what you were seeing. As might be expected, the main center of attraction was Ormsby Korndyke Lad and his marvelous daughters. The story of their sensational work has been told so completely in recent issues of the World that we will not go into details concerning them here, but will simply say that the heifers themselves are every bit as great as their records, which is as strong a statement as we know how to make regarding them.

The address of the afternoon was made by Prof. H. A. Hopper of Cornell University. After commenting on the success of Mr. Schmid's breeding operations, and some of the factors entering into successful breeding, Prof. Hopper proceeded to outline some of the ways in which Holstein clubs can justify their existence. Among these perhaps the most important was the suggestion for definite work on the part of the local organization in eliminating grade and scrub bulls and getting them replaced with pure breds. The speaker divided our Holstein men into three classes, dealers, who perform an important missionary service; multipliers, who proceed without plan or purpose; and real constructive breeders, a class extremely limited in number. He urged that breeders in a community join in owning and using better bulls, and to make it convenient for the little breeder to use them also.

At the conclusion of Prof. Hopper's talk, Dan Warner, who presided at the meeting, called upon Mr. Schmid to tell how he was able to make such a success of his Holstein breeding. Mr. Schmid then related in characteristic manner, some of his experiences in farming and dairying and his discouragements in getting started with pure bred Holsteins. Finally, with the purchase of Sir Prilly Segis, light began to break, and when the daughters of Ormsby Korndyke Lad began to freshen, Beaver Dam took its place with the real leaders.

In conclusion, Mr. Schmid offered this bit of sound advice—"When you go into the Holstein business, don't waste your time with cheap cows. Put your money into five good cows rather than ten poor ones. Then buy or make arrangements to use the best bull you can, and with a little common sense in management, you cannot help making money in the Holstein business." Brief remarks were also made by George Abbott, of Abbott & Clark; Ebenezer Bull, one of the first, if not the very first Holstein breeders in Orange County; his nephew of the same name, who had much to do with getting Mr. Schmid started in the Holstein way; Jacob S. Brill, Henry Morganthau Jr., who urged the holding of a sale under the auspices of the club; and the editor of the World.

The day's program was concluded with a further inspection of the herd.

NEW YORK CLUB AT BUFFALO

The Holstein-Friesian Breeders Club will meet at the Hotel Lafayette, Buffalo, N. Y., on Wednesday evening, May 28th at 8 p. m. An invitation has been extended to every member of the Holstein-Friesian Association of America in New York State to attend this meeting which is held at the time of the great Pine Grove Dispersion sale.

Among the matters to be discussed are the amendments proposed for the Philadelphia meeting, some phases of the finances of the Association by A. L. Brockway, chairman of the Finance Committee of the National Association, and the Extension Work of the National Association will also come in for some attention. It is expected that a number of well known Holstein men from other states will be present and take part in the meeting.

County and community Holstein Clubs are urged to send delegates to this meeting to meet with the Board of Officers of the Club for the purpose of discussing matters of statewide importance to the Holstein interests of New York.

F. T. Price, Secretary.

A Holstein Census—And Other Thoughts

FROM PRESIDENT AITKEN

Within a few weeks the thirty-fourth annual meeting of the Holstein Friesian Association of America will be held, and there was never more justification for the holding of a National meeting by any Association than can be ascribed to the present meeting of Holstein breeders. Never, perhaps anywhere, was an association under a more prosperous condition; never was there an association of breeders that had experienced greater prosperity during any year, than has the Holstein-Friesian Association during the past year. This is largely because of the wonderful merit of the breed, aided and abetted by the interest and effort of the breeders themselves.

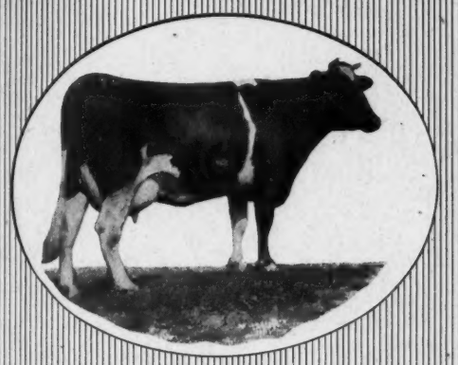
This National meeting should be attended by every member of the Association where it is possible for him to attend, and where it is impossible he should send his proxy to some member he can depend upon to represent him who will be present.

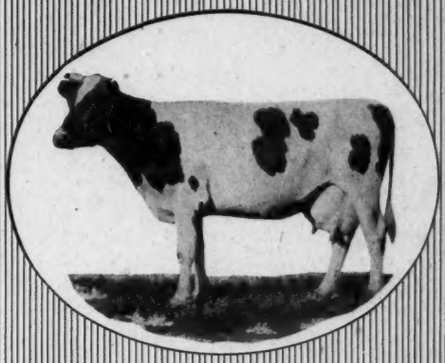
Only salaried officers or employees of the Association are barred from receiving or voting a proxy. Those would be the Secretary, Treasurer, Superintendent of Advanced Registry, Chairman of Executive Committee, and Chairman of the Finance Committee, these being the only officers of the Holstein-Friesian Association who receive any pay.

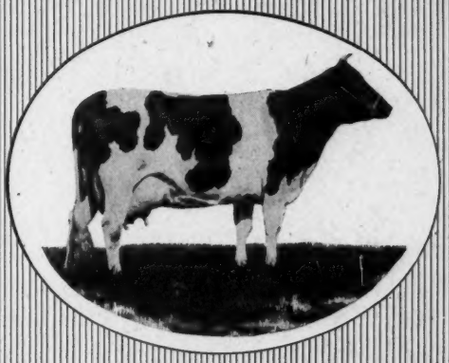
The members who attend the National meeting are simply aiding in the work of creating a condition of mind that puts a high value under the Holstein-Friesian cow, it is a condition of mind that we are creating. Every attendant at Philadelphia will have an influence on the result, and every member should be interested sufficient to do what he reasonably can to forward and encourage the work.

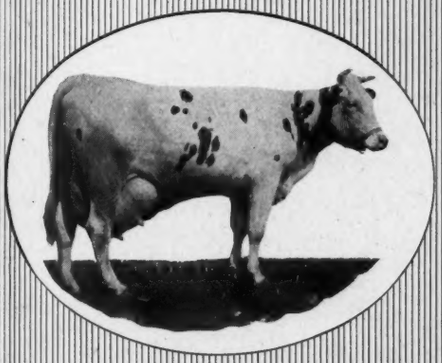
An amendment has been proposed this year to increase by 25 cents, the cost of transfer fee or charge to members, the understanding being that the increase thus received shall be used in extension work. There could be no question but this would be a step in the right direction. The cost in the Secretary's office for labor and supplies has very largely increased, and 25 cents does not pay the actual cost of making the necessary investigation incident to the recording of a transfer, furnishing of the blanks, and the proportionate cost for overhead expenses. This is the one department where the member should be best conditioned to pay the fee. When the transfer is made the animal has been sold and the thousands and tens of thousands of dollars that the Association is spending in the interest of the breed through publicity, prizes at fairs, butter fat prizes, and now the inauguration of an extension work, are all destined to influence sales and increase the price of the animals. In my judgment there is no place where money can be expended to the greater advantage of the breeders than in

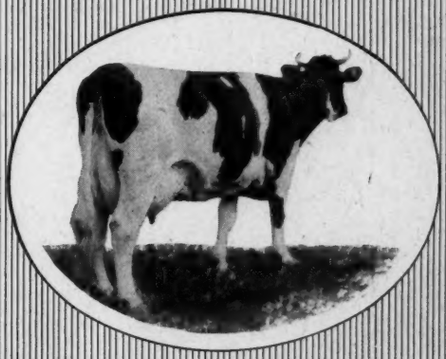
(Continued on page 150.)











A PAGE OF PRIZE WINNERS AND CHAMPIONS

Glen Canary De Kol 2d
At 4 yr. 26.95 lb. 8 mo. after calving.

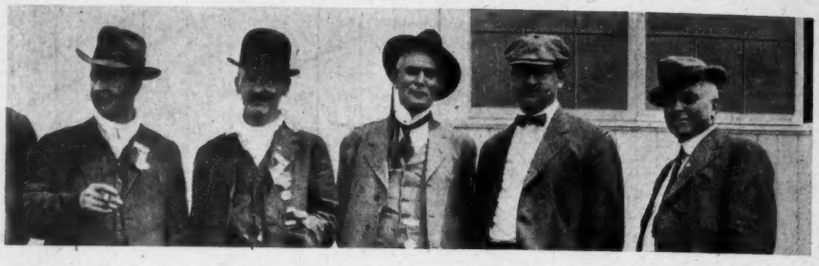
Rose D.K. Wayne Butter Boy
First prize 2-yr-old for year.

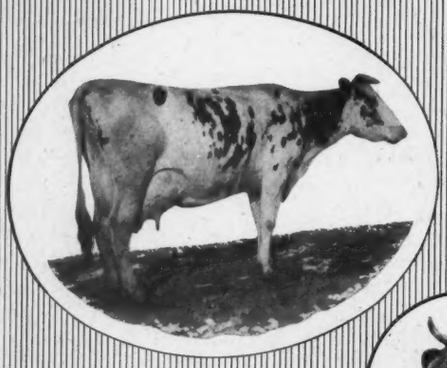
O. K. L. Royal Beets
American Champion 4-yr-old. 809.9 lb. in 7 days.

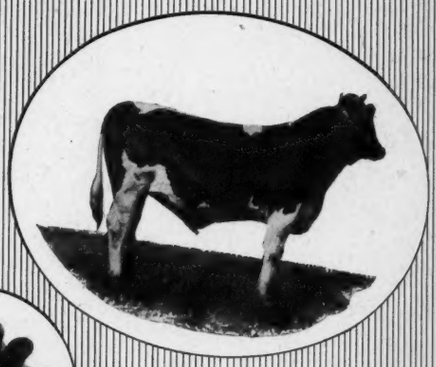
Superba Palmyra
At 3 years, 39.23 lb.

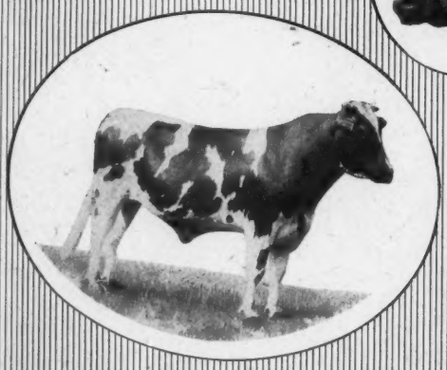
Dutchland Colantha Denver
1315.15 lb. butter carrying calf 8 mo.

A PAGE of MOYER SALE STARS









Top Line (left to right)—Cols. Haeger, Kelley, Perry and Wood, Mr. Moyer.
Second Line—Otego Valley Christmas Belle (40.50 lb.) and Sir Aaggie De Kol Mead, whose 7 nearest dams average over 1100 lb. butter in a year.

Bottom Line—Korndyke Geiske Raymondale, by Avondale Pontiac Echo from a 29-lb. 3-year-old, and Ruby Pietertje Butter Boy (40.25 lb.). The head is that of Rolo Mercena De Kol (51.93 lb.).

SIR CHANGE KATIE PAUL
A son of Colie Change from Katie Pietertje Paul 5th.

KATIE PIETERTJE PAUL 5th
A 34-lb. daughter of Colie Change. Owned by Jabez Smith & Son, Newark Valley, N. Y.

Colie Change

A Great Sire of Limited Opportunity

It is true that 40 lb. records are becoming fairly common, there being already close to half a hundred of them. Still it is not yet so very common to find a bull that has a 40-lb. daughter, a 40-lb. granddaughter and a 40-lb. sister. In fact, the only two such bulls that we can think of are King of the Pontiacs and Colie Change.

The latter was born Oct. 20, 1908, a son of Changeling Butter Boy and Riverview Colie (21.16 lb.). He was bred by Geo. F. Blewer, Newark Valley, N. Y. but was sold before old enough for service to Jabez Smith & Son, also of Newark Valley. Here he had a chance to get offspring out of great dairy cows, although in those days the Smiths were not making the records that they since have and those offspring, daughters and granddaughters, did him great credit, as I propose to show.

His first daughter to be tested was Katie Pietertje Paul 5th, who was out of Jabez Smith's foundation cow, Katie Pietertje Paul. Katie 5th, freshening in yearling form, made a record of 15.54 lb., which she increased before she was three years old to 19.89 lb. She was then the highest record daughter of her sire, an honor which she just failed of holding the next year when she made a senior three-year-old record of 25.01 lb. butter from 555.-4 lb. milk. She was not given a year record, but she did get a chance in the 8 months after calving division, and produced 425.6 lb. milk, containing 17.63 lb. butter. Still she couldn't stop and we find her at full age making the following record:

Butter 7 days	34.21
Milk	704.90
Butter 30 days	140.41
Milk	2914.90

She was a heavy milker, reaching the 100 lb. mark 14 different days during her month. Her best 7 days' milk was 720 lb., but did not coincide with her best 7 days' butter, which was 34.5 lb. A slightly smaller butter record had to be reported in order that a 700 lb. milk record might appear.

In the Cow Testing Association, Katie Pietertje Paul 5th produced in a year, three months of which were under official test, 25582 lb. milk, containing 1152 lb. butter. In this connection it is interesting to note that 4 cows in the Smith herd made testing association records during the past year above 20,000 lb. milk and 9 above 17,000 lb., which is believed to be a state record for a herd of any breed. In June 26 cows in one barn averaged 56 lb. milk on this day of the tester's visit.

Katie 5th had some remarkable offspring, perhaps the best one being Katie Paul Burke, the world's champion junior four-year-old, with records of 44.61 lb. butter in 7 days and 167.95 lb. in 30 days, both world's records.

She has also several very promising sons, including Sir Change Katie Paul and Sir Change Katie Vale Wayne, the latter a two-year-old sired by a 29-lb. son of King Korndyke Sadie Vale.

The best record daughter of Colie Change, however, is not Katie 5th but Ruby Pietertje Butter Boy. She did not begin quite as soon as Katie, but her records consistently just surpass those of her distinguished sister. Ruby's yearling record was 15.97 lb., or .43 lb. more than Katie's. Her two-year-old record was 21.35 lb., a gain of over a pound and a half over her sister. Her senior three-year-old record of 29.65 lb. from 594. lb. milk was a big advance over Katie, and her 30-lb. four-year-old record compares very favorably with Katie's full age record. But Ruby went on even farther, and this year broke into the 40-lb. class with a production of 40.25 lb. butter.

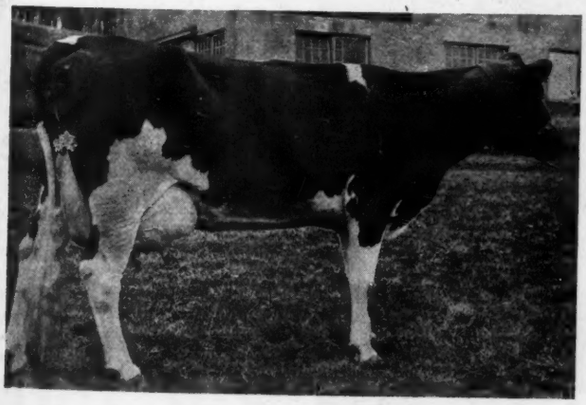
Other good daughters of Colie Change, besides the 40-lb. and 34-lb. ones already described are:

Change Princess Butter Boy	35.21
Change Agnes Johanna	32.48
Katie Pietertje Paul 6th	29.99
Roxie Pauline De Kol Posch 4th	29.01

His opportunities for a long list were very limited as he sired only twelve daughters. All of them have A. R. O. records and seven of them were owned in the Smith herd. The entire twelve, including a two-year-old, two three-year-olds and two four-year-olds have records averaging 25.84 lb. His seven full age daughters have records averaging 32.21 lb.

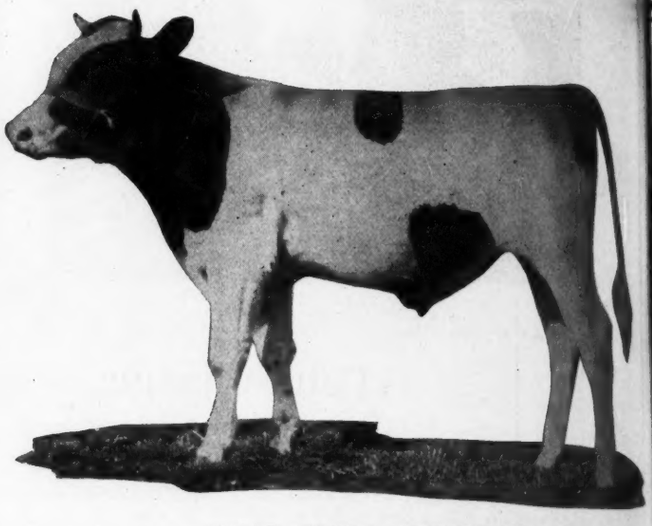
Colie Change is a son of Changeling Butter Boy, one of our latest century sires. His list of great record daughters is headed by Changeling Tidy Abbekerk Wayne (44.43 lb.) and includes three others with records of 31, 33 and 34 lb., and many others with large records. He is a son of Pontiac Butter Boy, and the grand old 29-lb. cow, Changeling, who was the first cow producing 100 lb. milk in a day to have a daughter with a larger record.

To summarize: Colie Change is the only sire, with one exception, to have a 40-lb. laughter (Ruby Pietertje Butter Boy, 40.25 lb.), a 40-lb. granddaughter (Katie Paul Burke, 44.61 lb.) and a 40-lb. sister (Changeling Tidy Abbekerk Wayne, 44.43 lb.). His entire list of 12 A. R. O. daughters, five of them heifers, have records averaging 25.84 lb. and his 7 full age daughters have records averaging 32.21 lb.



KATIE PAUL BURKE
World's Champion junior 4-year-old. Granddaughter of Colie Change. Owned by Abbott & Clark, Cortland, N. Y.

Buy Them at Philadelphia!



KING ECHO SADIE VALE

THIS HIGH CLASS SHOW BULL

A Brother to the $106,000 Bull

Look at him. Did you ever see a more handsome fellow? Look at the coloring, the style, the straight back—and then to think he is by the same sire as Carnation King Sylvia and from K K S V Winnie Artis, a 31-lb. daughter of King Korndyke Sadie Vale and tracing through her dam to both Sir Korndyke Pontiac Artis and Sir Veeman Hengerveld.

His dam made over 24 lbs. as a 2-year-old, came back the next year and made over 31 lbs.

I don't believe you have ever before had an opportunity to buy so much individual quality combined with such a world of breeding and if you are looking for a herd bull fit to go into the show ring, you will do well to consider King Echo Sadie Vale whose sire is by one of the best sons of May Echo Sylvia and from Belle Model Johanna 2d that has twice made over 37 lbs.

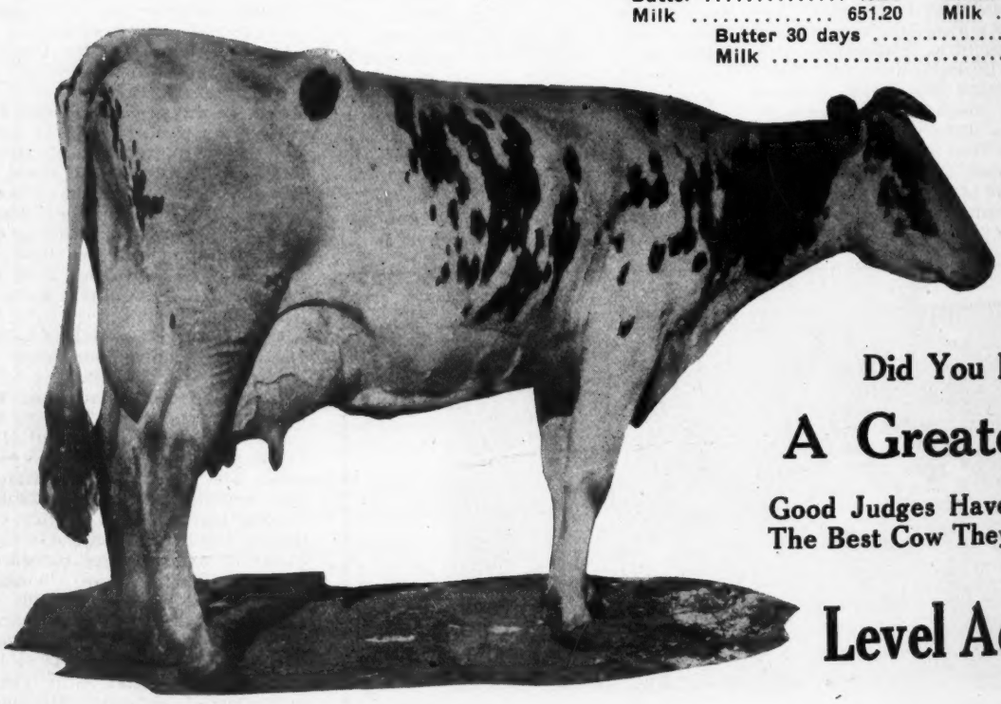
Two 30-lb. Cows
A 30-lb. Bull
A 40-lb. Bull

This Handsome
40-lb. Cow

OTEGO VALLEY CHRISTMAS BELLE

Butter	40.50	Butter	30.02
Milk	651.20	Milk	611.00

Butter 30 days 134.92
Milk 2719.10



And
HER SON
By a
Century Sire

Did You Ever See
A Greater Cow?

Good Judges Have Pronounced Her
The Best Cow They Have Ever Seen

Level Acres Herd

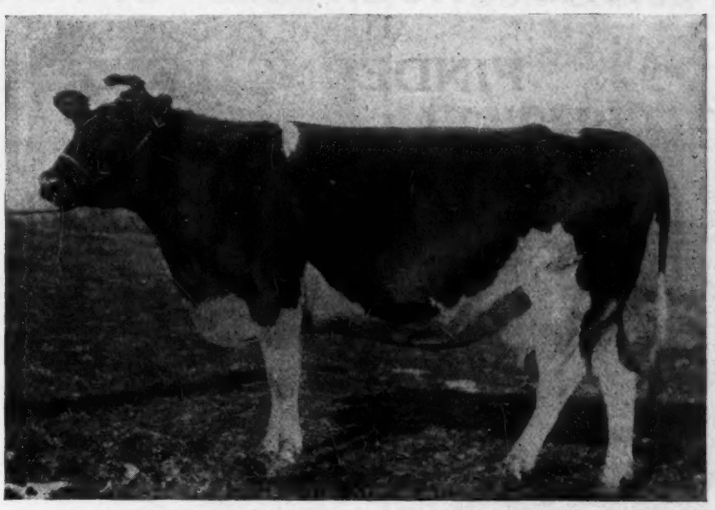
This Three Times 30-lb Cow

Topsy Korndyke Beets

At 3 years—		At 4 years—		Full age—	
Butter	32.09	Butter	31.33	Butter	32.51
Milk	615.6.	Milk	662.2.	Milk	600.00

She has won $126 in prize money. Her 3 records average over 32 lb.

She is a sister to a 40-lb. cow and by a full brother in blood to King of the Pontiacs.



TOPSY KORNDYKE BEETS

K. K. S. V. WINNIE ARTIS

K. K. S. V. Winnie Artis

At 4 years—

Butter	31.02
Milk	526.80

30 days—

Butter	115.25
Milk	2438.40

At 2 years 10 months—

Butter	24.46
Milk	392.80

She is just fresh and promises something good.

Her dam is a 22-lb. daughter of Sir Korndyke Pontiac Artis and the next dam a 25-lb. 2-year-old daughter of Sir Veeman Hengerveld.

Christmas Belle King

Christmas Belle King is just as handsome a bull as King Echo Sadie Vale (shown on the opposite page). His dam is the great cow, Otego Valley Christmas Belle. His sire is Pietertje Hengerveld Segis, the only century son of King Segis. Pietertje Hengerveld Segis now has a 37-lb. daughter, several 30-lb. daughters and more than 100 officially tested daughters. His dam is Blanche Lyons De Kol, a 33-lb. daughter of Pietertje Hengerveld's Count De Kol and full sister to Blanche De Kol Hengerveld that also has over 33 lbs.

Here is a youngster absolutely perfect in every way, tracing through his sire to the great King Segis and through his dam to the great Hengerveld De Kol. If you want to buy a beautiful individual son of a 40-lb. cow that is certain to some day have a much larger record, and buy him absolutely at your own price, don't overlook Christmas Belle King. He is just one of the finest things possible to find anywhere.

LINN

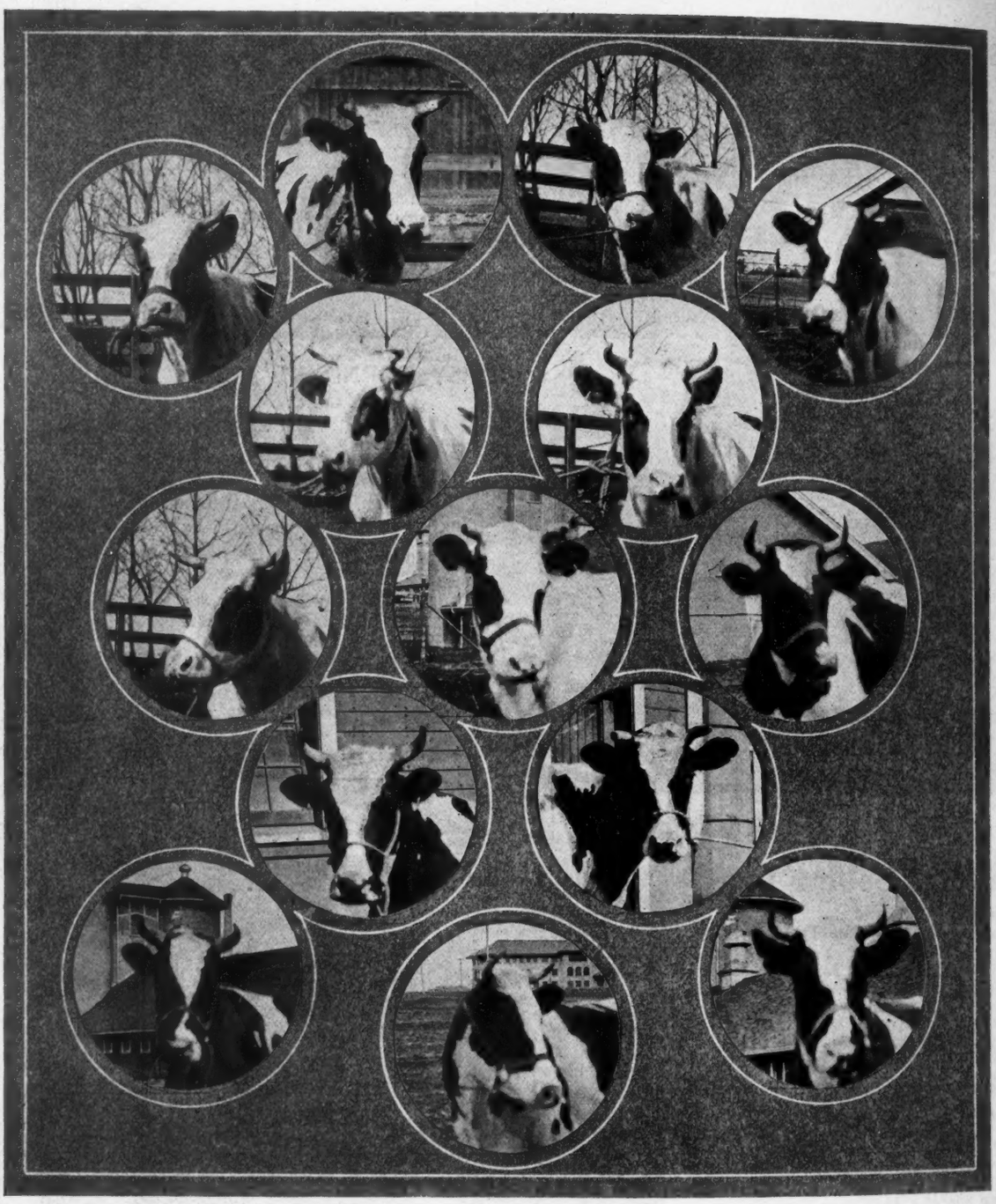
KINNE

UTICA, N. Y.

TYPICAL DAUGHTERS OF ONE GREAT SIRE

ALL ARE BY OUR SENIOR SIRE

FINDERNE PRIDE FAYNE



Remember Finderne Pride Fayne is a Son of the Highest Record Long Distance Cow Living. His Sisters Hold the World Records in Both the Two and Three Year-Old Classes with Productions Above 1200 Lbs. Butter

MEADOWHOLM FARMS

PETER SMALL, Chesterland, Ohio H. B. GOODING, Tiffin, Ohio

(This advertisement always appears on page 54.)

May 27-28-29-30, 1919—Elma, N. Y., Dispersal Pine Grove Herd.
May 30, 1919—St. Charles, Ill., Dispersal Murray D. Aiken Herd, 100 head.
June 2-3, 1919—West Concord, Minn., Southeastern Minnesota Holstein Sale, C. L. McNelley, Mgr., Dodge Center, Minn.
June 3-4, 1919—Brattleboro, Vt., Purebred Livestock Sales Co.
June 5-6-7, 1919—Philadelphia, Pa., Moyer National Sale, H. A. Moyer, Director.
June 9, 1919—Hatfield, Pa., Benninger's Fourteenth consignment sale.
June 10, 1919,—Washington, Pa., Dispersal sale, Franklin Maroney.
June 12, 1919—Poughkeepsie, N. Y., J. B. Sisson's Sons.
June 12, 1919—Macungie, Pa., Allen M. Gehman's Fourth Annual sale.
June 12, 1919—Moorhead, Minn., Minnesota Breeder's sale, E. C. Schroeder Farm.
June 19, 1919—Sterling, Ill., Northern Illinois Breeders sale.
June 26-27, 1919—Pewaukee, Wis., Edgewood Farms, 1st annual.
July 4, 1919—Richfield Springs, N. Y., Otsego County Holstein Club's Third Annual Sale.
October 6-7-8, 1919—Chicago, Ill., Quality Holstein Co's. First Annual Sale.
October 8-9, 1919—Chicago, Ill., Annual Dairymen's Sale E. M. Hastings Co., Managers, Lacona, N. Y.
October 17, 1919—Dimondale, Mich., Dispersal Fairview Farm Herd.

THE 19th LAKE MILLS SALE

The 19th Semi-annual Consignment sale of the Lake Mills Holstein Breeders was held in their pavilion May 6-7, 1919. 174 head were sold for $44,890, giving an average of $257. The attendance was good and the demand very strong. Quality was appreciated, and when desirable animals were led into the ring they brought very satisfactory prices. There was perhaps more than the usual proportion of young stuff in the sale, which helped to keep the average down.

As in previous sales F. H. Everson served as sale manager, with Haeger, Kelley, Mack and Wood doing the selling.

The top price of the sale was $1,175 for the beautiful three-year-old heifer, Walker Prilly Pearl Korndyke, a granddaughter of King of the Black and Whites. She was a remarkable individual, and was really a bargain at $1175. She was consigned by Milford Meadows Stock Farm, and purchased by H. J. Sedgewick, Lime Ridge, Wis. The top price for males was $1050 for an eleven months old youngster consigned by John Hetts, of Ft. Atkinson, Wis. This young bull, sired by Juliana King Repeater, was from a 29-lb cow, Mutual Lilith of Rock, who has considerable local reputation as an individual. Longfield Butter King Princess 2d, a 26-lb. cow sired by Sir Ormsby Johanna De Kol, and who is a sister to the former state champion 35-lb. cow, Windsor Sweet Butter Maid, was purchased by R. W. Farr, of Ellendale, Minn., for $1000. Some of the best animals in the sale went to purchasers in Minnesota, Nebraska, and Indiana.

A Detailed Report of the Lake Mills, Wis. Sale of May 6—7, With Animals Selling for $200 or More.

Consigned by Louis Gray, De Forest, Wis.

Substitute for No. 1, 3 yrs., R. W. Farr, Ellendale, Minn. $250
Jennie Aaggie Pine Lodge 2d, 4 yrs., F. B. Green, Evansville, Wis. 345
Gwyndie Girl, 4 yrs., Geo. A. James, Richland Center, Wis. 335

Consigned by Pleasant Hill Stock Farm, Fox Lake, Wis.

Jessie Fobes Homestead Princess 2d, 8 yrs., Geo. A. James, Richland Center 325
Lady Star Wisconsin, 1 yr., H. P. Rigdon, Seward, Neb. 255
Female, 2 yrs., Edw. Yohn, Watertown, Wis. 265
Female, 2 yrs., F. G. Lehmann, Watertown, Wis. 250
Lady Artasia, 7 yrs., G. D. Thompson, Hillsboro, Wis. 230

Consigned by S. W. Faville, Lake Mills, Wis.

Flora Belle Canary Homestead, 4 yrs., C. B. Rutherford, Lake Mills, Wis. 405
Queen Echo De Kol Homestead, 3 yrs., Frank Schultz, Lake Mills, Wis. 450
Glen Rose Homestead 2d, 3 yrs., H. P. Rigdon, Seward, Neb. 350

Consigned by O. H. Sylvester, Ft. Atkinson, Wis.

Aaggie Belle Phillis 4th, 3 yrs., Richard Geuke, Bondnel, Wis. 210
Queen Wilhelmina Fobes Burke, Richard Geuke, Bondnel, Wis. 305

Consigned by Milan W. Demerit, Lake Mills, Wis.

Johanna Barbetta Nina Ormsby, 2 yrs., R. W. Farr, Ellendale, Minn. 500

Consigned by A. P. Kaye, Walworth, Wis.

Kayewood Nora Colantha, 4 yrs., H. J. Wagner, Calvery, Wis. 415
Kayewood Powers Korndyke, C. J. Pester, Whitewater, Wis. 300
Kayewood Nora Johanna, 6 yrs., W. W. Walker, Austin, Minn. 500
Kayewood Topsy Colantha, 3 yrs., W. W. Walker, Austin, Minn. 505

Consigned by L. H. Field, Osseo, Wis.

Lady Oak Homestead Canary, 8 yrs., Roy Hetts, Ft. Atkinson, Wis. 550
Field Ormsby Oak De Kol Homestead, 1 yr., Geo. A. James, Richland Ctr. 450
Elka Hengerveld De Kol, J. W. Withrow, Richland Center, Wis. 330

Consigned by O. A. Lukken & Sons, Mt. Horeb, Wis.

Agnes Homestead Mechthilde De Kol, 3 yrs., Fred Wittmer, Madison, Wis. 250
Drained Valley Burke De Kol, 2 yrs., J. A. Hatz, Prairie Du Lac, Wis. 285

Consigned by Fred Gurr, Lake Mills, Wis.

Longfield Pontiac Polkadot, 1 yr., J. F. Stolen, Klevensville, Wis. 290
Longfield Butter King Princess 2d, R. W. Farr, Ellendale, Minn. 1000
De Kol Inka Polkadot, 1 yr., Nelson B. Maust, Napanee, Ind. 600

Bull Calves Sired by

HENGERVELD WALKER LYONS

(175110)

No. 1. Born Dec. 22, 1918. Price $300
Color—½ white.
Dam—Hillview Pontiac Clintonia 197747.
28.002 lb. butter
661.2 lb. milk
in 7 days.
1702 lb. milk in 17 days
110.08 lb. butter
2766.4 lb. milk in 30 days

No. 2. Born Nov. 20, 1918. Price $125
Color—A little more black than white.
Dam—Elnora Canary Pontiac 2d, 365599.
14.43 lb. butter.
380.7 lb. milk in 7 days at 2 yrs.

No 3. Born Jan. 3, 1919. Price $125
Color—More black than white.
Dam—Elnora C. Pauline Mechthilde 4th 167890
21.09 lb. butter
576.6 lb. milk in 7 days

No. 4. Born Jan. 14, 1919. Price $200
Color—Little more white than black.
Dam—Beryl Lady De Kol Pontiac 196749.
24.396 lb. butter
675.6 lb. milk in 7 days

No. 5. Born Jan. 14, 1919. Price $200
Color—More white than black.
Dam—Beryl Lady De Kol Pontiac 2d, 267890.
20.976 lb. butter.
513.8 lb. milk in 7 days at 4 yrs.

No. 6. Born Jan. 14, 1919. Price $100
Color—Nearly black.
Dam—Elnora Pauline Pontiac, 225426.
25.297 lb. butter.
622 lb. milk in 7 days.

Prices F. O. B. Andover, New York.

E. E. CLARKE

ANDOVER, New York

Holstein Printers for Thirty Years

Let Us Handle Your Next Order

Printers of Holstein Fresian World

THE CORSE PRESS

Sandy Creek, N. Y.

BULL "BOSS" RING

Made. Bronze Cannon Gun Metal. Size 3½ in. Weight 8 oz. Price $1.35 each, delivered.

TheMooreBros.
ALBANY, N. Y.
149 Hudson Ave.
Write for catalog.

W. H. KRAUSE

Wisconsin's Live Wire in Holstein Sales
Write for dates

Thorp Wis.

KING SEGIS PATENT LOCK

Ear Tags Bull Staff and Rings. Description and prices sent on application. 300,000 of these ear tags have been sold without adverse criticism. 500 of these Bull Staffs are used by the best breeders in the business.

The Strongest Ring

H. A. Moyer
Syracuse, N. Y.

Want To Buy Large Herd
Registered Holsteins. Want to rent or buy FARM.
Box 85 H. F. World
Syracuse, N. Y.

Consigned to the
Moyer National Sale
Philadelphia, Pa.
JUNE 5-6-7

Two very choice granddaughters of Pontiac Korndyke that have just completed records above 28 lbs. as a senior 3-year-old and a junior 4-year-old.

We also offer in the sale Solitaire Pontiac Pet, an 18-months-old son of Colonel Korndyke De Kol whose first 12 tested daughters average over 25 lbs. butter with an average test of 4.25 per cent fat at an average age of 3 years 7 months.

His dam is Lenawee Calamity Pet, a cow that has three times crossed the 30-lb. mark and has four times produced over 730 lbs. milk in 7 days. During her best week she gave 818 lbs. milk and in 30 days gave over 3366 lbs. She made 926.77 lbs. butter from 23782 lbs. milk in 315 days. During her best day she gave 122 lbs. milk.

Here is a great combination of milk and butter with a high fat test. Look him over at the sale. He has a future prospect that few bulls of his age possess.

D. F. BURGESS & SONS
La Fontaine, Ind.

De Kol Inka Pontiac, 7 yrs., R. W. Farr, Ellendale, Minn. 670

Consigned by Benj. F. Berg, Lake Mills,

Pioneer Oaks Miss Madrigal Mantel, 2 yrs., R. W. Farr, Ellendale, Minn. 330
Piebe Inka Homestead, 1 yr., Richard Geuke, Rondnel, Wis. 315

Consigned by C. B. Rutherford, Lake Mills, Wis.

Quoque Mooie Veeman of Edgewood, 8 yrs., J. F. Brady, Whitewater, Wis. 210

Consigned by Tomah Indian School, Tomah, Wis.

Tomah Augusta Hengerveld, 1 yr., A. P. Kaye, Walworth, Wis. 225
Tomah Madeline Sarcastic De Kol, 1 yr., L. J. Hall, Edgerton, Wis. 300
Tomah Aaltje Brookside Johanna, Richard Geuke, Bondnel, Wis. 300
Tomah Burke Hengerveld De Kol, 1 yr., C. M. Beveridge, Watertown, Wis. 350
Tomah Aaltje Hengerveld 2d, 1 yr., Edw. Yohn, Watertown, Wis. 285
Tomah King of the Riverside, 1 yr., Jesse Crump, Lake Mills, Wis. 345

Consigned by Milford Meadows Stock Farm, Lake Mills, Wis.

Walker Prilly Pearl Korndyke, 3 yrs., H. J. Sedgewick, Lime Ridge, Wis. 1175
Milford Marianetta Oak, 4 yrs., W. W. Walker, Austin, Minn. 550
M. M. Fobes Mercedes Bess Burke, 3 mo., C. M. Beveridge, Lake Mills, Wis. 600
M. M. August Fobes Segis Pontiac, 1 yr., P. J. Bremmer, Muscoda, Minn. 575
Milford Annie De Kol Fobes, 1 yr., Henry Schimming, Ft. Atkinson, Wis. 650
Milford Eva Colantha Fobes, 3 yrs., J. W. Withrow, Richland Center, Wis. 335
Milford Pontiac Manor Fobes, 4 yrs., W. W. Walker, Austin, Minn. 510
Milford Primrose Longfield Oak, 4 yrs., C. O. Arnley, Owatonna, Minn. 465

Consigned by W. P. Walsh, Lake Mills, Wis.

Aaggie Barbetta Ormsby De Kol, 12 yrs., C. B. Rutherford, Lake Mills 220

Consigned by Edgetown Stock Farm, Harry W. Faville, Lake Mills, Wis.

Inka Mutual Pietertje Korndyke, 2 yrs., Fred Wittwer, Madison, Wis. 275

Consigned by Roy Hetts, Ft. Atkinson, Wis.

Mamsell Beets Segis, 2 yrs., J. W. Withrow, Richlnd Center, Wis. 210
Colantha Butter Boy Piebe, 4 yrs., John Hetts, Ft. Atkinson, Wis. 245
Laura Beets Pontiac, 2 yrs., Milbrandt Bros., Evansville, Wis. 290

Consigned by Pioneer Oak Farm, F. M. Ames & Son, Brooklyn, Wis.

Queen Pontiac Rooker Korndyke, 1 yr., G. D. Thompson, Hillsboro, Wis. 220
Antrim Veeman Burke De Kol, 1 yr., Fred Jungbluth, Mineral Point, Wis. 200

Consigned by J. E. Stolen, Klevenville, Wis.

Eleanor Florence Colanthus, 4 yrs., Milbrandt Bros., Evansville, Wis. 205
Lady Van Beers Segis Beets, 2 yrs., Richard Geuke, Bondnel, Wis. 300
Stolendale Canary Van Beers, 1 yr., E. J. Goetsch & Sons Co., Watertown, Wis. 215
Canary Van Beers, 4 yrs., Richard Geuke, Bondnel, Wis. 360
Lady Van Beers Netherland 4th, 11 yrs., J. A. Hatz, Prairie du Lac, Wis. 240
Jaffna De Kol 3rd, 5 yrs., Milbrandt Bros., Evansville, Wis. 205
Stolendale Jaffna, 1 yr., Arthur Larson, Colfax, Wis. 205
Stolendale Anna, 1 yr., Edw. Yohn, Watertown, Wis. 250
Changeling Glitka Hengerveld, 2 yrs., E. J. Goetsch & Co., Watertown, Wis. 360
Stolendale Belle, 1 yr., Fred Gurr, Lake Mills, Wis. 200

Consigned by John L. Fisher, Janesville, Wis.

Winslow Gelske Hengerveld, 7 yrs., Richard Geuke, Bondnel, Wis. 400
Johanna Rue Duchess Fisher, 4 yrs., Richard Geuke, Bondnel, Wis. 400
Johanna Pontiac Fisher, 8 mo., W. W. Walker, Austin, Minn. 200
Valdiva Pontiac Fisher, 7 mo., W. W. Walker, Austin, Minn. 220
Erma Madrigal Segis De Kol, 7 yrs., J. H. Withrow, Richland Center, Wis. 330

Consigned by C. J. Ward & Sons, Ft. Atkinson, Wis.

Polkadot De Kol Terzool, 5 yrs., H. J. Wagner, Calvery, Wis. 205
Nella Terzool of Oakwood, 2 yrs., W. Armstrong, Whitewater, Wis. 220
Princess Johanna De Kol of Oakwood, 4 yrs., W. F. Pohlman, Deerfield, ... 260
Nella Terzool Korndyke of Oakwood, 3 yrs., H. Hoyt, Lake Mills, Wis. 215
Nella Terzool, 5 yrs., H. Hoyt, Lake Mills, Wis. 220
Johanna De Kol of Oakwood, 2 yrs., J. H. Withrow, Richland Center, Wis. 210

Consigned by John D. Hetts, Ft. Atkinson, Wis.

Female, 6 mo., Albert C. Wollin, Johnson Creek, Wis. 265
Female, 7 mo., Morton Friend, Orland, Ind. 280
Female, 7 mo., Albert C. Wollin, Johnson Creek, Wis. 265
Mutual Craddock of Rock, 5 yrs., Roy Hetts, Ft. Atkinson, Wis. 335
Female, 6 mo., Morton Friend, Orland, Ind. 280
Female, 1 yr., Richard Geuke, Bondnel, Wis. 205
Male, 7 mo., John McBride, Milton, Wis. 350
Male, 1 yr., Roy Hetts, Ft. Atkinson, Wis. 325
Male, 11 mo., Wilfrid Helmenstein, Blue Mound, Wis. 1050
Male, 8 mo., Blaine Estate, Lake Mills, Wis. 800

Consigned by S. E. Jones & Fred A. Alt, Watertown, Wis.

Mercedes Korndyke Colantha, 7 yrs., O. W. Behneke, Watertown, Wis. 245
Jennie Ybma Spofford, 4 yrs., J. H. Withrow, Richland Center, Wis. 305

Consigned by C. Everson, Lake Mills, Wis.

Aaggie Snow Johanna, 2 yrs., Richard Geuke, Bondnel, Wis. 260
Oak Grove Segis Inka, 2 yrs., Richard Geuke, Bondnel, Wis. 305

Consigned by Morton Friend, Orland, Ind.

Lady Corona Spofford Clarabell, 4 yrs., Mrs. F. H. Everson, Lake Mills, Wis. 270
Plum Beauty Pietertje, 4 yrs., Mrs. F. H. Everson, Lake Mills, Wis. 205
Edgemoor Mechthilde Segis, 3 yrs., C. B. Rutherford, Lake Mills, Wis. 225
Oak Grove Lady Segis, 2 yrs., Mrs. F. H. Everson, Lake Mills, Wis. 290
Oak Grove Susie Paul Segis, J. H. Withrow, Richland Center, Wis. 250

Consigned by Jesse M. Crump, Lake Mills, Wis.

Lady Ruiter Pietertje, 4 yrs., C. O. Amberg, Watertown, Wis. 200

Consigned by Christian Grove, Columbus, Wis.

Johontas Piebe De Kol 2d, 4 yrs., Richard Geuke, Bondnel, Wis. 250
Aaltje Maplecrest Netherland, 4 yrs., H. J. Withrow, Richland Center, Wis. 205
Johontas Hengerveld Fayne De Kol 2d, 3 yrs., W. Armstrong, Whitewater, Wis. 230

Consigned by L. H. Field, Osseo, Wis.

Jessie Fields Pontiac Ormsby, 2 yrs., C. O. Amberg, Watertown, Wis. 450

Consigned by Wm. Everson & Sons, Lake Mills, Wis.

Reka Mooie Veeman, 4 yrs., Aug. Steffens, Lake Mills, Wis. 500
Rena De Colantha Champion, 2 yrs., Richard Geuke, Bondnel, Wis. 260
Lady Reka Queen, 4 yrs., Richard Geuke, Bondnel, Wis. 410
Alice Mooie Segis Pontiac, 2 yrs., R. O. Harley, Milton Junction 300
Waubesa Beach Ruby, 2 yrs., Arthur Larson, Colfax, Wis. 250
Beauty Sarcastic Johanna, 7 yrs., Richard Geuke, Bondnel, Wis. 325

Consigned by C. E. Brenner, Williamsport, Ind.

Tomah Johanna Sarcastic De Kol, 3 yrs., W. P. Walsh, Lake Mills, Wis. 245

Consigned by Archie Reid, Jr., Lake Mills Sale, Janesville, Wis.

Anna Battels Rag Apple, 2 yrs., E. J. Goetsch & Sons Co., Watertown, Wis. 630

DETAILED REPORT OF WAUKESHA BREEDERS' SALE

Following is a list of the animals selling for $200 or more, with names and addresses of purchasers and prices paid:

Consigned by Pabst Stock Farm, Oconomowoc, Wis.

Pabst Korndyke Cornflower, 4 mo., J. Zoeberlin & J. Prideville, Plymouth, Wis. $2475

Consigned by Erwin Hartman, Ailis, Wis.

Miss Aaggie Johanna Rag Apple De Kol, 2 yrs., A. Paddock & Sons, Salem, Wis. 605
Hilda Lassie Dora, 5 yrs., M. H. Peterson, Libertyville, Ill. 350
Miss Pietertje Ormsby Johanna, 7 mo., H. C. Honeyager, Waukesha, Wis. 300
Gilt Edge Liberty Bond, 7 mo., D. J. Howell, Waukesha, Wis. 260
Canary Fobes Piebe De Kol 2d, 3 yrs., L. E. Peare, Waukesha, Wis. 285

Consigned by Frank Ludwig & Gramling Bros., Dousman, Wis.

Lady Segis Pontiac of Fort Gramling, Ray Beers, Lake Beulah, Wis. 490

Consigned by Gramling Bros., Dousman, Wis.

Belle Homestead of Fort Gramling, 1 yr., Jones & Zeller, West Concord, Minn... 215

Consigned by Edgewood Farms, Pewaukee, Wis.

Hazel Korndyke Gladi, 4 yrs., Samuel Siewert, Colgate, Wis..... 440
White Lady De Kol Hengerveld, 6 yrs., N. J. Swan, Wauwatosa, Wis..... 510
Empress Pontiac Pledge, 4 yrs., Connell Bros., Colgate, Wis..... 400
Pense Jewel Pontiac, 1 yr., Clinton Skewer, Union Grove, Wis..... 395
Nagawicka Shewilido Korndyke 2d, 1 yr., Clinton Skewer, Union Grove, Wis... 395
Aaggie Ormsby Edgewood 3d, 2 yrs., Wuethrich Bros., Doylestown, Wis..... 750
Alma Wa Wa 2d, 1 yr., Harry C. Honeyager, Waukesha, Wis..... 270
Uneeda Korndyke Evaline, 6 yrs., S. J. Craig, Morrison, Ill. 255
Irene De Gel Pontiac Rue, 4 yrs., Sipple Bros., Colby, Wis..... 355
Hengerveld Colantha Lefa, 4 yrs., Fred Gramling, Dousman, Wis..... 640

Consigned by Aitken Bros., Waukesha, Wis.

Segis Pontiac Burke, 5 yrs., J. S. Sipple, Menomonie, Wis. 1200

Consigned by H. C. Hartkopf, Templeton, Wis.

Wartena Ormsby Pietertje, 5 yrs., W. J. Pester, Whitewater, Wis..... 535

Consigned by Connell Bros., Colgate, Wis.

Johanna Canary of Riverside, 2 yrs., Mil. County House of Correction, Wauwatosa, Wis. 380
Inga Johanna of Riverside, 2 yrs., Wuethrick Bros., Doylestown, Wis..... 500
Sadie Johanna Van Beers of Riverside, 1 yr., J. H. Pester, Whitewater, Wis..... 250
Inga Fayne Johanna of Riverside, 1 yr., E. H. Smith, Duluth, Wis..... 240
Johanna Wit of Riverside, 2 yrs., M. H. Peterson, Libertyville, Ill..... 300
Prue Pontiac 2d of Riverside, 1 yr., Jones & Zeller, West Concord, Minn..... 250

Consigned by N. Dickinson & Son, Lake Geneva, Wis.

Miss Grace Pietertje Korndyke 2d, Alvan Reimer, Hartford, Wis. 400
Groveland Ona Pontiac Hijlaard, 4 yrs., Ed. Foelske, Hartford, Wis..... 340
Miss Ormsby Pietertje Johanna, 2 yrs., Mil. Co. House of Correction, North Milwaukee, Wis..... 560

Consigned by W. D. McGill & Son, Templeton, Wis.

McGill Josephine Pietje Lass, 1 yr., S. D. Frayer, North Prairie, Wis..... 200

Consigned by Mellenz Dairy & Produce Co., Pewaukee, Wis.

Rora Ormsby Rag Apple, C. J. Pester, Whitewater, Wis. 300
Olive Ormsby Rag Apple, 10 mo., J. H. Pester, Whitewater, Wis..... 300

Consigned by Gustav Pabst, Dousman, Wis.

Circe Fyke Mercedes 2d, 11 yrs., L. E. Pease, Waukesha, Wis..... 410
Jewel Texal 5th, 7 yrs., J. H. Pester, Whitewater, Wis..... 455

Consigned by Carnation Stock Farms, Oconomowoc, Wis.

Queen Mercedes Beets 3d, Geo. Fraser, Lake Beulah, Wis..... 705
Johanna Lydia Mercedes, 5 yrs., Geo. Fraser, Lake Beulah, Wis..... [illegible]
Beauty Pietertje Prince 21st, 1 yr., Geo. Fraser, Lake Beulah, Wis..... 200

Consigned by Peter J. Murhi, Hartland, Wis.

Downing Pontiac School Girl, 3 yrs., Alvin Roemer, Hartford, Wis..... 300

Consigned by John Winkler, Merton, Wis.

Orphan Queen De Kol 2d, 7 yrs., Sipple Bros., Colby, Wis..... 315
Rosaline Ormsby, 3 yrs., Clinton Skewer, Union Grove, Wis..... 405

Consigned by Henry E. Howell, Waukesha, Wis.

Springfield Segis Korndyke, 4 yrs., W. H. Rhoda, Watertown, Wis..... 370
Springfield Pontiac Lady, 2 yrs., N. J. Swan, Wauwatosa, Wis..... 220

Consigned by S. A. Baird & Son., Waukesha, Wis.

Bairdland Creamelle Sir Comet, 9 mo., J. W. Haynes..... 305

Consigned by A. J. Mitchell & Sons, Waukesha, Wis.

Glenwood Lady Segis, Mil. Co. House of Correction, N. Milwaukee, Wis..... 225
Mitchell Pontiac Jewel, 1 yr., John Winkler, Merton, Wis..... 400
Mitchell Pontiac Ormsby, 1 yr., John Winkler, Merton, Wis. 265
Princess Segis Change Colantha, 2 yrs., Harry O. Nelson, Union Grove, Wis... 515

Consigned by Baird Bros., Waukesha, Wis.

Nockdair King Superba Supreme, 1 yr., L. V. Garvens, Waukesha, Wis..... 2500
Nockdair Segis De Kol Violet, 5 yrs., Jones & Zeller, West Concord, Wis..... 660
Nockdair Segis Gelsche, 3 yrs., C. O. Amley, Owatonna, Minn..... 600
Nockdair Segis Lottie, 2 yrs., J. S. Sipple, Colby, Wis..... 1200
Nockdair Segis Plymouth, D. J. Howell, Waukesha, Wis. 930
Nockdair Segis Manor, 2 yrs., E. Martin, Mulwonago, Wis. 910
Nockdair Superba Pontiac Fayne, 1 yr., John Winkler, Merton, Wis..... 825
Nockdair Segis De Kol, M.H. Peterson, Libertyville, Ill..... 600

Consigned by Green & Jensen, Portage, Wis.

Little Segis Grace, 3 yrs., M. H. Peterson, Libertyville, Ill. 550
Miss Colantha Aaggie 2d, 3 yrs., Frank Kipp, North Prairie, Wis..... 305
J. K. S. Violet Fayne, 3 yrs., Schumaker Bros., Waukesha, Wis. 300
Elm Court Anita Johanna, 4 yrs., Harvey Busse, Colgate, Wis..... 240

Consigned by Briggs & Van Schoyck, Briggsville, Wis.

Lady Johanna of Elm Court, 9 yrs., J. W. Haynes, ... 340
Elm Court Anita Pontiac, 2 yrs., J. W. Haynes..... 430
Elm Court Johanna Segis, 8 mo., C. J. Pester, Whitewater, Wis..... 255
Elm Court King Segis Pontiac, 1 yr., Schumaker Bros., Waukesha, Wis..... 250

Consigned by E. G. & J. W. Muckleston, Waukesha, Wis.

Onida Pontiac Pauline, 1 yr., Clinton Skewer, Union Grove, Wis..... 250

Consigned by Shirley Harrison, Waukesha, Wis.

Female, 1 yr., Jones & Zeller, West Concord, Minn..... 290
Lera Mercedes McKinley, 1 yr., John Winkler, Merton, Wis..... 210
Inavale Superba, Art Searl, Tomahawk, Wis..... 210

Consigned by W. J. Mann & Son, Waukesha, Wis.

Princess Leo Veeman 2d, 9 yrs., Sipple Bros., Colby, Wis..... 475
Parsee Superba Leo, 8 yrs., Geo. Gorgenson, Oconomowoc, Wis..... 240

Consigned by Adolph Finkler, Hartland, Wis.

Chenacqua Lilly Dandy, 6 yrs., Jones & Zeller, West Concord, Minn..... 490
Gem Rigtje De Kol Mercedes 2d, 10 yrs., Sam Siewert, Colgate, Wis..... 390
Hillvale Endymion, 4 yrs., Downing & Miller, Waukesha, Wis..... 355

Consigned by Geo. J. Schuster, Mukwonago, Wis.

Iolena Margaret 2d, 8 yrs., H. W. Carr, Waukesha, Wis. 300
Johanna Daisy Pauline 2d, 4 yrs., Wuethrick Bros., Doylestown, Wis..... 540
Princess Johanna Buckeye, 3 yrs., H. W. Carr, Waukesha, Wis..... 400
Johanna Yu-No 2d, 4 yrs., Mucklestone Bros., Waukesha, Wis..... 435
Colantha Ruth Baker Johanna 3d, 2 yrs., Henry E. Capelle, Loyal, Wis. 400
Daisy Johanna Velox, 4 yrs., Albert Steinke, Waukesha, Wis..... 510
Yu-No Aaggie Johanna, 13 yrs., Edgewood Farms, Pewaukee, Wis..... 320
Riverview Johanna Korndyke, 2 yrs., C. H. Schmidt..... 260
Yu-No Aaggie Johanna 5th, 3 yrs., Jones & Zeller, West Concord, Minn..... 300
Netherland Nora Johanna 2d, 4 yrs., Sipple Bros., Colby, Wis..... 365
Tettje Korndyke of Riverview, 2 yrs., H. A. Nelson, Union Grove, Wis..... 355
Johanna Daisy Pauline, 6 yrs., C. H. Schmidt..... 500
Johanna Yu-No 3d, 3 yrs., John Winkler, Merton, Wis..... 305
Downing Pontiac Nellie, 5 yrs., Duke Burnell & O. A. Williams, Waukesha, Wis .. 400
Dora Hengerveld Korndyke, 8 yrs., H. J. Pester, Whitewater, Wis..... 575
Pauline Johanna Daisy Korndyke, 2 yrs., C. H. Stark, Red Cloud, Neb..... 410
Daisy Aaggie Johanna, 1 yr., Henry E. Capelle..... 320
Johanna Korndyke King 30th, F. L. Williams, Postville, Ia..... 380
Johanna Korndyke King 32d, O. D. Melins, Whitewater, Wis..... 210
King Pontiac Artis Johanna, 8 mo., Mil. Co. House of Correction, N. Milwaukee.. 610

Consigned by Burnell & Williams, Waukesha, Wis.

Gewina Homestead De Kol 3d, 6 yrs., River Falls Normal, River Falls, Wis. .. 550
Wisconsin Piebe Oak De Kol Watson, 2 yrs., Fred Wieffenbach, North Lake, Wis.. 800

Consigned by Baird Bros., Waukesha, Wis.

Nockdair Segis De Kol, M. H. Peterson, Libertyville, Ill..... 600

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Every Cow Should be Treated With

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It cleanses, disinfects, causes the cow to clean quickly and breed readily. It is a safeguard against abortion, there is less use of the bull, and calves are stronger.

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THE STEWART CONSIGNMENT TO THE NATIONAL

One of the best consignments to the Moyer National Sale in Philadelphia, is that of J. W. Stewart, Lynn, Ontario. While the offering consists of but three animals, the quality is so far above the average that we are making mention of it. The consignment consists of a 32 lb. cow, her 33 lb. daughter and a yearling granddaughter. The foundation cow is Miss Johanna Pontiac Korndyke, 32.59 lbs. butter from 669.7 lbs. milk in seven days and 134.33 lbs. butter from 2597.6 lbs. milk in 30 days, giving as high as 97 lbs. her best day. She is sired by a son of Pontiac Korndyke and up to the present time has produced three daughters, two of which are above 25 lbs. and the other one has passed the 20 lb. mark as a 3 year old. Her daughter that has made 30 pounds is Johanna Pontiac Korndyke that as a 4 year old has just completed a record of 33.88 lbs. butter from 675.2 lbs. milk in seven days and 129.36 lbs. butter from over 2673 lbs. milk in 30 days. During her best day this cow produced 100.1 lbs. She is sired by King Segis Pontiac Duplicate, a son of King Segis Pontiac and ¾ brother to King Segis Pontiac Count. With these two beautiful 32 lb. cows Mr. Stewart is consigning a yearling daughter of the latter mentioned cow sired by Sir Waldorf Korndyke, a son of Johanna Segis Walker, sired by Rag Apple Korndyke 8th. Here is a consignment of three generations, two of the dams being above 32 lbs. and in the pedigree are represented three of the leading sires of the breed. It is a consignment that ought to appeal strongly to breeders desirous of developing two, three and four generations of 30-lb. dams.

Do You Send In Your Sale Reports Each Week?

There is a place for them whether public or private sale in the World. The publicity is worth the effort. Give us the news of of your sales.

THE WORLD

DU PAGE COUNTY SALE

The Du Page County Holstein Friesian Breeders' Association held their sale at Lisle, Ill., April 30th. Ten representative Illinois breeders consigned 86 head, making one of the best sales ever held in the state. The 86 head brought a total price of $23,470.00, an average of $273.00. This average is the more creditable in that the highest price paid was only $775.00. This was paid by the Illinois State Reformatory, Pontiac, Ill., for the yearling bull, King Johanna Beets Pontiac, consigned by Stevens Stock Farm, Sycamore, Ill. The bull is a son of King Segis Pontiac Maia, out of a 31-lb. dam, who has three records averaging over 30 lbs. Another State institution, Jacksonville State Hospital, located at Jacksonville, Ill., paid $750.00 for Illiona Pontiac Alcartra Lad, a 2-year-old bull sired by a 31-lb. son of Spring Farm Pontiac Cornucopia and out of a 27-lb. dam. He was consigned by A. W. Fischer, Bensonville, Ill. Another good one consigned by Stevens Stock Farm was Jettie Netherland Butter Queen, with a record of 24 lbs. at four years. Lisle Farms Company, Lisle, Ill., paid $500.00 for this cow. Gretia Beryl, with a record of 24.99 lbs. consigned by Lisle Farms Company went to A. D. Pate & Sons, Belvidere, Ill., for an even $500.00. This cow is sired by Inka Clothilde Mercedes Prince, who is grandsire of the first 40-lb. cow. Twenty-three other animals consigned brought $300.00 or better.

Howard C. Barker managed the sale, which was auctioneered by J. E. Mack, Fort Atkinson, Wis., with S. T. Wood of Liverpool, N. Y. in the box.

Following is a report showing animals, with prices and buyers, that brought over $200.00.

Consigned by Stevens Stock Farms, Sycamore, Ill.

King Johanna Beets Pontiac, 1 yr., Illinois State Reformatory, Pontiac, Ill.....$775
Inez De Kol Canary Oak, 5 yrs., Mr. Martin, Barrington, Ill..... 430
Johanna Mechthilde Piebe De Kol 2d, W. H. Howe, Spring Grove, Ill..... 340
Jettie Netherland Butter Queen, 4 yrs., Lisle Farms Co., Lisle, Ill..... 500
Colantha Fobes Ormsby, 3 yrs., W. H. Fitch, Aurora, Ill..... 255

Consigned by Roberts Holstein Co., Waterman, Ill.

Anna Clyde Aaggie, 6 yrs., W. A. Rogers, Lisle, Ill. 335
Leland Hazel, 8 yrs., John Meyer, Barrington, Ill. 355
Elmcrest Segis Marjorie, 4 yrs., Jay Morton, Lisle, Ill..... 240
Elmcrest Azalea Butter Girl Segis, 4 yrs., Kabusch Bros., Roselle, Ill..... 445
Urma Pearl Pontiac, 5 yrs., W. A. Rogers, Lisle, Ill..... 450
Europe Royal Pontiac King, 2 yrs., T. J. Bailey, Belvidere, Ill. .....

Consigned by J. K. Rathbun, Lombard, Ill.

Lady Piebe Johanna De Kol 2d, 1 yr., Kabusch Bros., Roselle, Ill..... 390
Netherland Johanna Beets, 5 yrs., Jay Morton, Lisle, Ill. 340
Laura Korndyke Beets 2d, 1 yr., Kabusch Bros., Roselle, Ill..... 390

Consigned by Lisle Farms Company, Lisle, Ill.

Gretia Beryl, 8 yrs., A. D. Pate & Sons, Belvidere, Ill..... 500
Jomo Pontiac Aaggie, 2 yrs., C. F. Nadelhoffer, Downers Grove, Ill..... 285
Eli Minnie, 4 yrs., W. A. Rogers, Lisle, Ill. 300
Lisle Concordia Julia, 2 yrs., H. H. Schroeder, Prairie View, Ill..... 240
Ilini Janie, 4 yrs., W. I. Martin, Barrington, Ill..... 405
Jomo Cornucopia Princess, 2 yrs., W. I. Martin, Barrington, Ill..... 320
Jomo Francine, 3 yrs., L. Pitzenthaler, Prairie View, Ill..... 290
Eli Edna, 4 yrs., Peter Oleson, Niperville, Ill. 320
Lisle King's Edna, 1 yr., C. W. Wagner, Zion City, Ill..... 320
Jomo Edna Segis, 2 yrs., A. L. Green, ... 280
Edna Woodmont Hawthorne, 5 yrs., H. E. Sayer, Belvidere, Ill..... 380
Lisle Edna Segis, 2 yrs., S. C. Judd, St. Charles, Ill..... 250
Lisle King's Berenice, 1 yr., W. A. Rogers, Lisle, Ill..... 230
Jomo Pontiac Queen, 2 yrs., Jas. Tupper, Alden, Ill. 355
Lisle Princess Aaggie, 3 yrs., T. W. Anderson, Leland, Ill. 220
Burke Pauline Paul, 5 yrs., Clark & Rhoda, Urbane, Ill. 260
Jomo Concordia Aaggie, 2 yrs., Frank Tuft, Elgin, Ill..... 300
Lisle Pontiac Lass, 3 yrs., C. P. Miller, Lisle, Ill..... 270
Lisle Tehee Philpail, 1 yr., C. N. Wagner, Zion City, Ill..... 270

Consigned by W. W. Pflug, LaGrange, Ill.

Alholdur Floa De Kol, 1 yr., Stevens Stock Farm, Sycamore, Ill..... 250

Consigned by H. F. Bandemer, Glen Ellyn, Ill.

Female, 1 yr., W. H. Fitch, Aurora, Ill..... 235

Consigned by A. W. Fischer, Bensonville, Ill.

Johanna Ruth Pontiac, 3 yrs., A. L. Greene, Lisle, Ill..... 255

Consigned by Illiona Farm, Bensonville, Ill.

Mystic New Coeln Queen, 7 yrs., W. E. Stancliffe, Lisle, Ill. 255

Consigned by A. W. Fischer, Bensonville, Ill.

Illiona Esmeralda Pontiac, 3 yrs., Lisle Farms, Lisle, Ill..... 350
Illiona Mechthilde Pontiac, 2 yrs., W. L. Elliott, Elkhorn, Ill 210
Johanna Inka Netherland De Kol, 4 yrs., W. F. Stancliffe, Viola, Ill..... 275
Illiona Johanna Ormsby, 1 yr., C. I. Parks, Leland, Ill..... 230
Aaggie Green Columbo, 1 yr., L. Ritzenthaler, Prairie View, Ill..... 235
Aaggie Cornucopia Columbo, 1 yr., L. Ritzenthaler, Prairie View, Ill..... 235
Illiona Piebe Pontiac, 1 yr., J. Tupper, Alden, Ill..... 205
Illiona Pontiac Alcartra Lad, 2 yrs., Jacksonville, State Hosp., Jacksonville, Ill..... 750
Illiona Pontiac Friend Ormsby, 2 yrs., W. Raylwey, Lockport, Ill..... 2[illegible]0

Consigned by Warwood Farm, Walter A. Rogers, Lisle, Ill.

Warwood Pontiac Korndyke, 1 yr., A. Greene, Lisle, Ill..... 360

Consigned by C. A. Shephard, River Grove, Ill.

K. S. P. Jessie Philpail, 1 yr., A. L. Anderson & Son, Leland, Ill..... 375
Gertlyn Cherry Blossom, 1 yr., W. T. Davidson, Alhambra, Ill. 250
Prairie Maid Pontiac, 9 mo., L. Ritzenthaler, Prairie View, Ill..... 220
Miss Edna Mazie, 1 yr., J. Tupper, Alden, Ill. 220
Leyden Maud Netherland, 1 yr., P. C. Judd, St. Charles, Ill..... 225
Queen Alice De Kol Segis, 2 yrs., Frank Keller, Naperville, Ill..... 245
Goshen Florence, 8 yrs., J. Martin, Lisle, Ill..... 360
Leyden Goshen Florence, 1 yr., J. Tupper, Alden, Ill..... 220

Consigned by C. A. Tousey, Downers Grove, Ill.

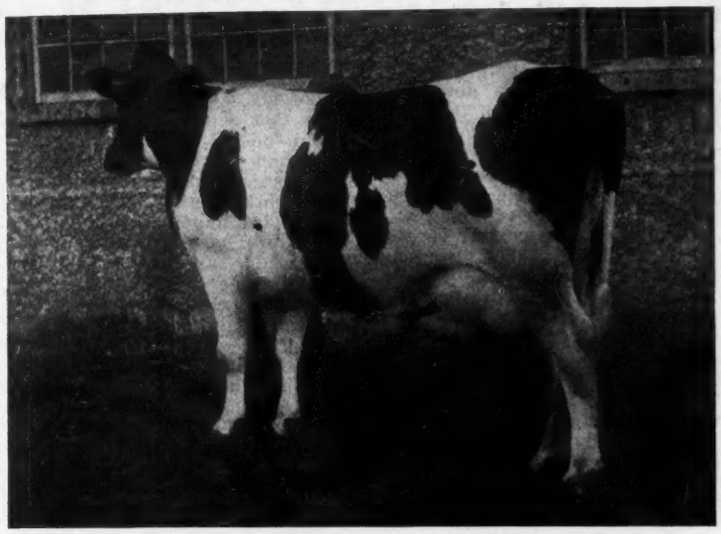
Oakdale De Kol Beets Burke Lady, 4 yrs., A. W. Cutler, Downers Grove, Ill..... 285
Aaggie Isabel De Kol 2d, John Meyer, West Chicago, Ill..... 290
Maple Spring Queen De Kol, 5 yrs., Clark Rhoda, Urbana, Ill..... 255
Susan Ann's Plum 4th, A. Greene, Lisle, Ill. 260
Susan Ann's Plum 5th, 5 yrs., H. H. Utley, Downers Grove, Ill..... 335

Consigned by H. B. Utley & Son, Downers Grove, Ill.

Edgebrook Cornucopia Velma, 2 yrs., J. Tupper, Alden, Ill..... 350
Edgebrook Daisy Korndyke 2d, 1 yr., W. A. Rogers, Lisle, Ill. 295
Dandelion Johanna Segis Pontiac, 3 yrs., Jay Martin, Lisle, Ill. 250
Edgebrook Alcartra McCrea Segis, 1 yr., W. I. Martin, Barrington, Ill..... 230
Mono Concordia Korndyke, 7 yrs., Jay Martin, Lisle, Ill. 280

(Continued on page 147.)

A Straight 40-lb. Consignment



RUBY PIETERTJE BUTTER BOY 40.25 lbs.

Every Animal We are Sending to the Moyer National Sale Is Either From a 40-lb. Dam by a 40-lb. Sire, or Has a 40-lb. Record

The Outstanding Animal

Ruby Pietertje Butter Boy is one of the greatest 40-lb. cows of the breed. She has twice made over 30 lbs., three times made better than 29 lbs, and at the age of 5 years has 5 records averaging over 27 lbs. She is a very handsome individual and is certain to greatly increase her present record in proper hands. She is from a sister to Katie Pietertje Paul 5th, a 34-lb. cow that has produced Katie Paul Burke, the present 44-lb. world champion 4-year-old. She is now in calf to King Korndyke Sadie Vale. Her son and daughter are also to be sold in the sale.

And Some Real Bulls

A son of Ruby Pietertje Butter Boy sired by K K S V Wayne that was from a 29-lb. daughter of Sir Veeman Hengerveld and sired by King Korndyke Sadie Vale. We are also consigning a son of King Korndyke Sadie Vale from Geraldine Rag Apple Korndyke, a 30-lb. daughter of Lady Tobe De Kol, the 36-lb. former world champion 4-year-old. The third dam has a record of better than 30 lbs. and the dam of her sire has better than 36 lbs. The 7 nearest dams of this calf all have records above 30 lbs.

The Others

We are also consigning a daughter of Pauline De Kol Ophelia in calf to Ormsby Korndyke Lad, a sire that has more 30-lb. daughters than any other bull of his age. Pauline De Kol Ophelia has a record of over 44 lbs. butter from over 800 lbs. milk and is a sister to Leafy Dawn De Kol, a 43-lb. cow with a 40-lb. daughter. There is also included a 5-months-old daughter of King Korndyke Sadie Vale from S V H Ida, a 32-lb. daughter of Sir Veeman Hengerveld, the next dam a 30-lb. daughter of Sir Korndyke Pontiac Artis, the next dam a 27-lb. daughter of Sir Veeman Hengerveld.

Every animal in our consignment is either from a 40-lb. cow, by a 40-lb. sire or has a 40-lb. record. They are individually just as good as their breeding.

ABBOTT & CLARK - Cortland, N.Y.

(Continued from page 32.)

hired man cares to tackle and so he packs his kiester, puts on his Sunday clothes, tells you that his sister's cousin is sick with the flu and not expected to live, and asks for his time. Ten to one all this would not happen if a modern, labor-saving litter carrier were on the job.

The yard outside is squashy.

The litter carrier is the handiest machine about the dairy barn. Running on an overhead track it carries half a ton of manure down the length of the litter alley out of the barn and out on a swinging crane whence it can be dumped right into the manure spreader. The litter carrier with its overhead trackage is to the modern dairyman what the overhead trolley system is to the manufacturer. It makes hard work easy. It makes slow work fast. It is to the wheelbarrow what the automobile of today is to the ox-cart of yesterday. It is one of the big ways in which the earnest dairyman can cut down his production costs considerably.

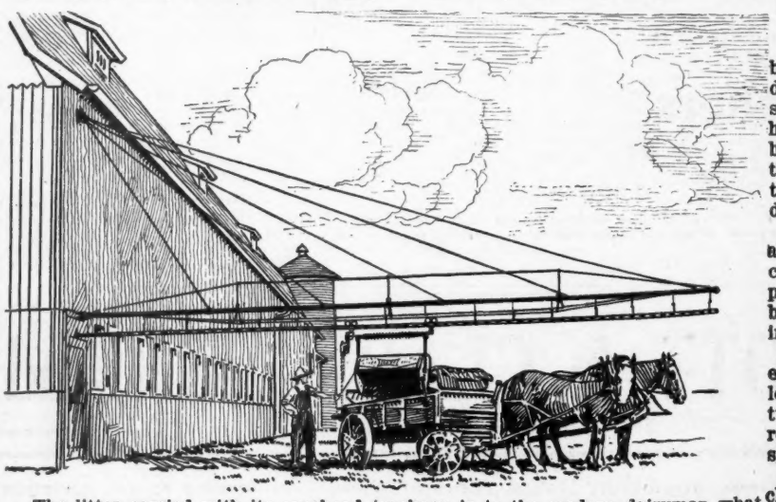
A modern barn, so planned and so arranged that every move and every step the dairyman makes will count, equipped with labor-saving steel stalls and stanchions, manger divisions, drinking cups, feed truck, and litter carrier will absolutely cut the labor of caring for a string of thirty cows squarely in half. In addition to this, according to the incontrovertible testimony of modern dairymen who have changed from the old way to the new, it will positively increase the milk yield of the herd from ten to thirty per cent.

In the face of these facts I cannot see why some dairymen still persist in wasting their time and their money in caring for their cows in the old, hard, inefficient way, when they might be saving time and making money by caring for their cows in the new, easy, efficient way. In the face of these fact I cannot understand why some dairymen will continue to hire the sixth hired man after the fifth quit, the seventh after the sixth quit, the ninth after the eighth quit, and so on, hiring and firing help—competent or incompetent—that will not stay on a farm where the work is made as hard as possible instead of as easy as possible—when, by the investment of a sum of money equal to the year's wages of a single one of these hired men he might be entirely independent of any help except that of his own immediate family.

When a city manufacturer comes to me and howls about his labor troubles and his vanishing profits, and I know that he is running his business with antiquated machinery in an antiquated, ramshackle, old building—dirty, unlighted, unsanitary, poorly arranged—I don't have to be a business doctor in order to be able to tell him where his trouble lies. Do you?

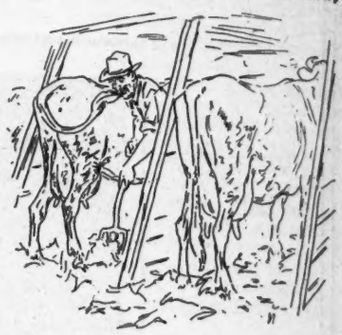
When a dairyman comes to me and howls about the trouble he has in keeping hired men, and about his vanishing profits, and I know that he is housing his cows in a dark, unventilated, unsanitary barn, fitted with wooden stocks and an outside drinking trough, equipped with leaky silage baskets and a creaking wheelbarrow, I don't have to be a dairy economist to tell him where his trouble lies. Do you?

When 95 per cent of the dairymen who have installed modern equipment in their barns tell me that the labor saving appliances cut their barn work squarely in half, and that the modern equipment increased their herd production from 20 to 30 per cent and more, and I steadfastly refuse to employ these modern methods for increasing efficiency and production in my barn, have I any one to blame but myself for high production costs and labor difficulties?



The litter carried with its overhead trackage is to the modern dairyman what the overhead trolley system is to the manufacturer.

When I look at my barn and see that, because of the poor arrangement, the silage baskets, the wheelbarrow, and the other out-of-date equipment, I need the services of two hired men, when, if I modernized my stable and put in labor-saving equipment, I could make my work so easy that one man could do it with ease and that this one man would do the work better, would be happier and more contented, would take a pride in the barn, and the stock, and the work; and, if I figured the wages of the hired man I could dispense with at $75 per month without board, amounting to $900 for the year, and, having done this, I could not see that the $900 saved would go a long way toward paying for modern equipment, I'd begin to think that any labor trouble I had was just what I deserved. Wouldn't you?



Old, dark, unventilated stable with its rigid stocks.

And, if I look about me, and see that I and my neighbors are paying $60, $75, and $80 for hired help this year, and that there is little prospect of our help working for lower wages so long as labor in the cities is constantly demanding and receiving increases on an already high scale, that, in fact, it would not be surprising to have our hired men come in any day and ask for more pay; if I see this condition of affairs and meet the emergency before it comes to me by modernizing my plant, can I hope to lower my production costs this summer?

If what has been told me—that modern equipment cuts barn work in half and increases production 30 per cent—is true, will some one tell me how I am saving and making money by doing without it? Will some one tell me why I am not paying out that money anyhow—in unnecessary cost of caring for my cows in a poorly arranged barn, in wasted feed, in extra help, loss of time, ruined udders, needless doctor bills, and in milk that I don't get but might just as well have?

If it is true that we are today on a new price level, that although we have to pay more for lumber, cement, labor than we did in 1914 we are at the same time getting more for wheat and milk and all farm products than we did in 1914, and that, as one farmer recently expressed it "it costs more to build now than in 1914 but you can pay for it a darned sight quicker!" is there any reason or economy in my holding off? Am I not, every day that I wait, losing money that I might have if my barn were in shape to give it to me?

Am I doing the square thing by myself as a business man, who is out after satisfaction and profits, by sticking to the old, wasteful, inefficient ways of making milk? Now, honestly, am I?

"My husband has been threatening to drown himself for some time," she cried, hysterically, "and he's been missing now for two days. I want you to have the canal dragged."

"Anything peculiar about him by which he can be recognied, supposing we find the body?" inquired the inspector.

The woman hesitated, and seemed at a loss for a minute or two. Then a look of relief slowly overspread her face.

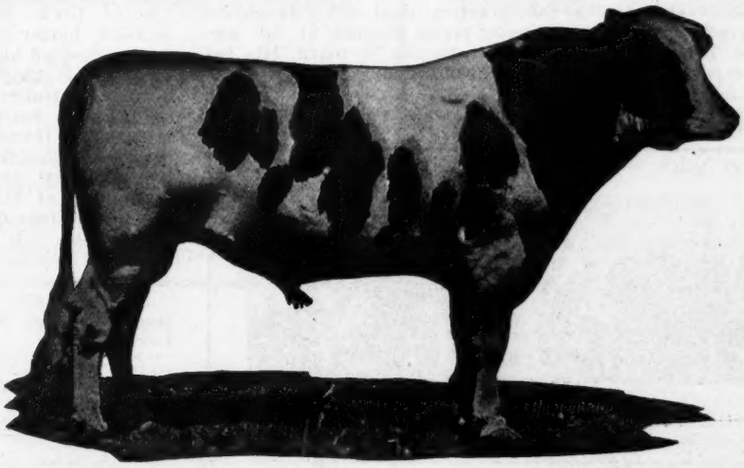
"Why, yes," she exclaimed at last; "he's deaf!"-London Titbits

15 Great 40-lb. Cows that Have Been Beaten by Three of the First Tested Daughters of

KING PONTIAC HENGERVELD FAYNE

Pietertje Fayne Johanna	48.17	Adirondac Wietske Dairy Maid	41.01
Fairview Korndyke Mata	47.16	Changeling Tidy Abbekerk Wayne	40.62
Duchess Lucy Mercedes	46.83	Miss Pietertje Alexina 2d	40.58
Ormsby Jane Segis Aaggie	46.33	Tilly Alcartra	40.56
Lady Netherland Pontiac	43.52	Lady Perfection Korndyke	40.43
Tietje Queen De Kol 2d	43.29	Mable Segis Korndyke	40.32
Niva Kalmuck	41.15	Otego Valley Christmas Belle	40.15

Verona De Kol Beets 40.08



These GREAT cows have all been beaten as two-year-olds and yearlings by three of the first tested daughters of

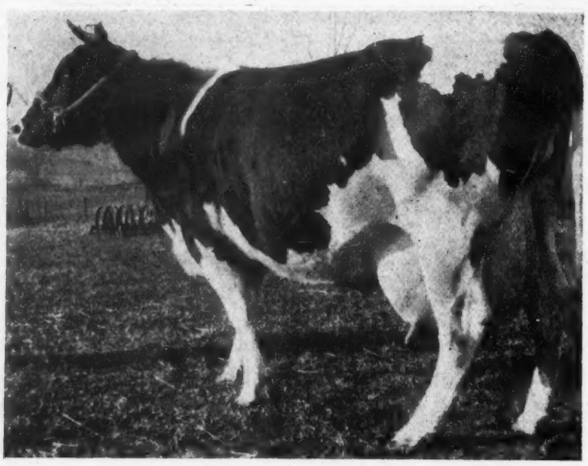
KING PONTIAC HENGERVELD FAYNE

two of them junior two-year-olds and one yearling who has made above 20 lbs. in seven days.

King Pontiac Hengerveld Fayne has two sons that are priceless; they are in two of the leading herds of the country, the Bell Farms and the Bloomingdale Farm. Their dams are Pietertje Fayne Johanna 48.17 and the great foundation cow at the Bell Farms Mable Segis Korndyke, 40.32.

A son of this great young bull King Pontiac Hengerveld Fayne, the grandest individual ever offered for sale and three daughters will be sold at the National Sale.

PEQUEST FARMS **Belvidere, N. J.**



SHELTER VALLEY MIGNONE LYONS
Largest record daughter of King Lyons 3d.

DAUGHTERS OF A GREAT SIRE

A recent letter from Jim Stone, of the firm of R. M. & J. H. Stone, Marcellus, N. Y., gives us some valuable information as to the work of the daughters of their former herd sire, King Lyons 3d. A complete list of his best record daughters follows, those marked with a star being the ones that have made their latest records during the past official year:

*Shelter Valley Mignone Lyons	5y	28.97
At 3 yr.		23.82
At 24 mo.		21.16
30 days		87.29
*Shelter Valley Edna Lyons	5y	26.98
At 3 yr.		23.65
30 days		97.20
At 25 mo.		22.89
Shelter Valley Marcella Lyons	4y	25.50
At 2 yr.		21.56
*Shelter Valley Dora Lyons	3y	24.93
30 days		100.13
At 23 mo.		17.32
Shelter Valley Princess Lyons	3y	24.05
At 24 mo.		18.73
Queen Lyons Hilda	3½y	21.58
At 2½ yr.		19.00
Queen Lyons Pietje	2½y	20.42
Dwight Lyons De Kol	30m	20.15
*Shelter Valley Marion Lyons	24m	18.33
*Shelter Valley Mable Lyons	24m	15.86

This is a splendid list. Eight of his daughters have two-year-old records averaging well over 20 lbs.

King Lyons 3d is well known to every Holstein enthusiast who has attended the New York Fair during the past few years, as he has been one of the most consistent winners at that high class stock show. He has also demonstrated his ability to reproduce his quality as his offspring have year after year carried home more than their share of blue ribbons from the fair at Syracuse.

The breeding of King Lyons 3d leaves little to be desired. He is a son of Mr. Moyer's King Lyons, whose long list of high record daughters now includes seven with records above 30 lbs., practically all of his daughters that have made records at full age going above the 30 lb. mark. His list of two-year-old daughters rank with the very best. He is by a splendid transmitting son of the first 35-lb. cow, and is out of a 29-lb daughter of King Segis.

SOME DAUGHTERS OF KING LYONS 3d

The dam of King Lyons 3d is Gypsy Hengerveld, who had a record at 3½ years old of 29.24 lbs. butter in seven days, and 118.99 lbs. in thirty days. She is sired by Judge Hengerveld De Kol, one of the best sons of old Hengerveld De Kol.

It is perhaps worthy of mention that the best daughter of King Lyons is also out of Gypsy Hengerveld, and hence is a full sister to King Lyons 3d I refer to Gypsy Lyons, the 27-lb. three-year-old, who, during the past year, raised her record to 33.63 lbs.

King Lyons 3d is now owned by F. H. Wood, Richfield Springs, N. Y., where he will be given an opportunity to add more stars to his crown.

COW TESTING IN WALLA WALLA VALLEY

A report from the Washington State College Extension Service recently received, shows what is being done in the Walla Walla Valley Cow Testing Association. During the month of April, 340 head were tested by the Association, of which 57 have places on the honor roll by producing 40 or more pounds of fat.

We as Holstein enthusiasts are pleased to note that the first five names on the honor roll are Holsteins, then comes a Guernsey, then four Holsteins, then a Jersey and a Guernsey and then six Holsteins, etc. In fact, 36 out of 57 are Holsteins—grade or purebred. The list of the five largest herds shows that the Holstein herd of A. Graybill is first with an average of 134.44 lbs. milk, containing 60.5 lbs. butter fat for the month of April. Second highest for butter, first for milk, is the Walla Walla College herd, also Holstein, with an average of 44.7 lbs. butterfat from 1437 lbs. milk. The Holstein herd of R. Tuttle stands third for milk with 1077 lbs. per day, but the average butterfat production of 41.59 is slightly under that of the best Guernsey herd, which is 44.4 lbs. fat from 888 lbs. milk. The best Jersey herd stands fifth on the list.

In Washington as everywhere else the Black and White cow seems to lead.

THE WINEBAGO PICNIC

Plans are being made for the best picnic ever held in Wisconsin when the Winnebago County Holstein Breeders' Association meets at the farm of Geo. Plummer, near Winneconne, Wis., June 18. There will be a sale of purebred sires at this time, and also speeches by Professor K. S. Hatch, director of the Agricultural Extension work at the University of Wisconsin, and A. J. Glover, editor of Hoard's Dairyman and chairman of the Wisconsin Dairy Council. The public is invited to attend.

SHELTER VALLEY MARCELLA LYONS
A 25-lb. daughter of King Lyons 3d.

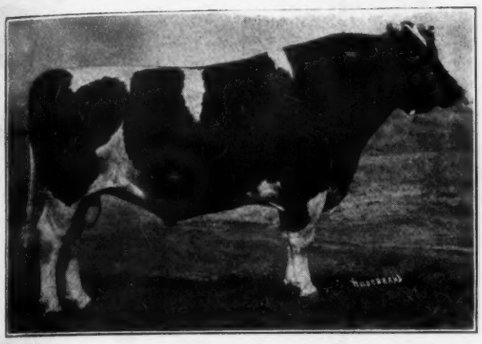
IOWANA WALDORF LAD

No. 263215

Here Is the Ideal Combination In a Bull Calf Yearly Production with Show Ring Type

Born, Jan. 13, 1919

Sire's Sire

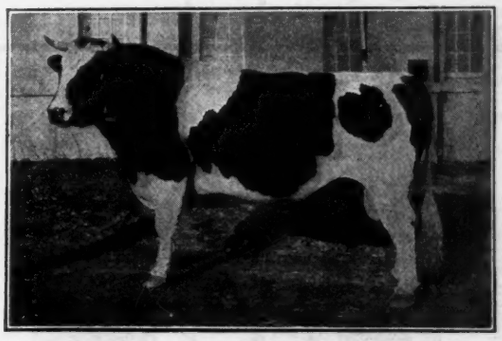


Oak De Kol Ollie Homestead
85529

Grand Champion 1916 and 1917 at National Dairy Show.

Sire of show ring winners and heavy yearly producing daughters.

Dam's Sire



Sir Johanna Fayne
42147

Sire of show ring winners and sire of four daughters with records above 23,000 pounds or seven above 20,000.

Sire's Dam

Fryslan Waldorf
155158

Grand Champion in 1917 at Waterloo Dairy Show.

Dam

Iowana Fayne Larky
251381

20,500 pounds milk in a year as a two-year-old.

Average of records of dam and sire's dam:

Milk 22,574.6 pounds. Butter 911.83 pounds. Age, 3 yrs., 5 mo., 19 days.
He is a show calf of course—he couldn't help being.

IOWANA FARMS - - Davenport, Iowa

THE BIG FEATURE

Pabst Pontiac Hengerveld De Kol together with all of his sons and daughters that are now in the Edgewood Farms Herd. They all go in the big sale on

JUNE 26-27, 1919

Don't Miss It — The Biggest Sale Wisconsin Will Have This Year

Practically The Entire Offering of Young Cows and Heifers Are

JUNE 26-27, 1919

Don't Miss It — The Biggest Sale Wisconsin Will Have This Year

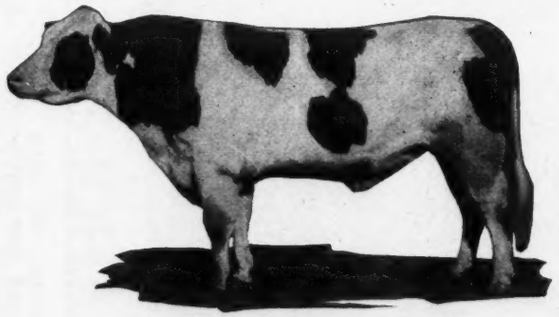
Practically The Entire Offering of Young Cows and Heifers Are In Calf To

King Champion Rag Apple

A son of Rag Apple Korndyke 8th. His dam and sister are the two highest record 4-yr.-olds.

"The World's Greatest Sire of Individuality"

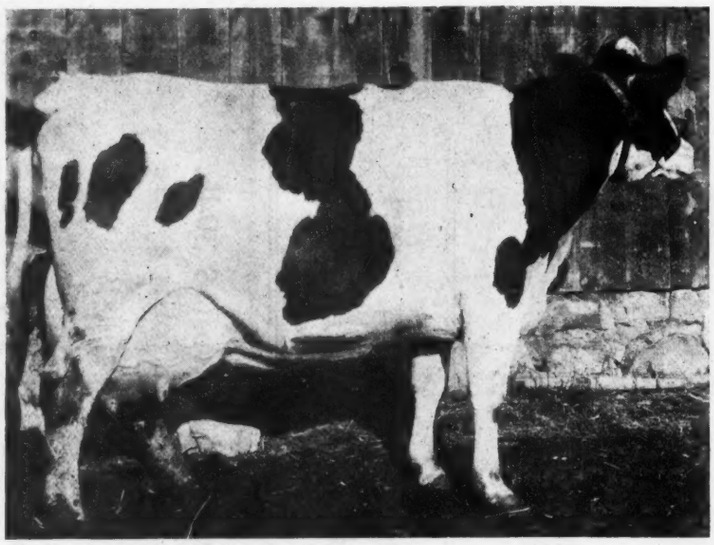
You all know King Champion Rag Apple.
He has made money for a good many of you.
He is "The World's Greatest Sire of Individuality."
He is "The highest record son of a World's Champion in the State of Wisconsin."



THE EDGEWOOD SALE

Pabst Pontiac Hengerveld De Kol is a son of the Famous King Pontiac Champion (16 30-lb. daughters) from a 33-lb. daughter of De Kol 2d's Butter Boy 3d. His sale affords a rare chance to secure a great proven sire.

EDGEWOOD FARMS 12 miles from Milwaukee—on Interburban **Pewaukee, Wis.**



DORA DE KOL OOSTERBAAN
32.48 lbs. at 9 yr. 10 mos.

A GREAT OLD PRODUCER

One of the very best producing cows of the breed for her age is Dora De Kol Oosterbaan, who made the following record at the advanced age of 9 years, 11 months, 20 days.

Butter 7 days	32.48
Milk	745.5
Butter 30 days	130.29
Milk	3022.0

Dora De Kol Oosterbaan is, with one exception, the oldest cow to make so large records for both milk and butter in the seven and thirty day periods. She was developed by Albert E. Jenkins, Lansing, Mich., and was his first cow to make a 30-lb record. Mr. Jenkins sold her at the sale at Michigan Agricultural College last February, for $1,000, to Buth Brothers and Dudley Waters, of Grand Rapids, Mich. Her two-months-old son was sold in the same sale, going to John B. Martin, Grand Rapids, Mich., for $620.

A SPLENDID PRODUCER

The World is pleased to present to its readers the latest photograph of Pauline Brightview, the Daisy Hill cow who has just made such an extra large year record under strictly official test. We also present the man in the case, Andy Dack, one of the herdsmen at Daisy Hill Farms, who milked Pauline Brightview and took care of her during the entire test. Andy made the following records on Pauline Brightview:

	Milk	Butter
7 days	525.9	28.30
30 days	2498.8	116.05
60 days	5332.3	226.44
90 days	8112.1	333.02
120 days	10209.3	421.53
161 days	13109.0	545.79
222 days	17358.6	736.86
253 days	19472.4	831.68
284 days	21505.6	924.90
365 days	25605.	1125.

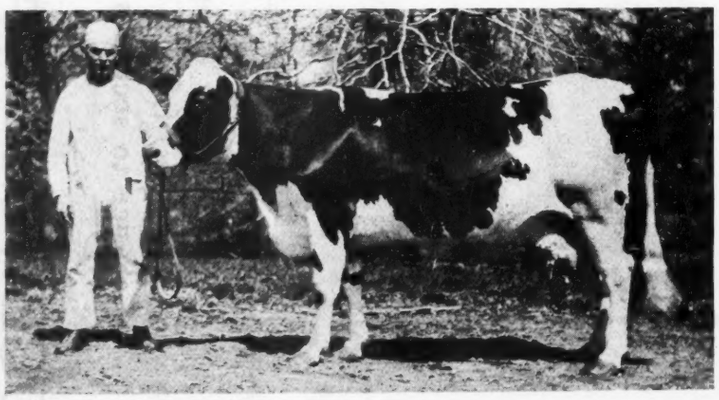
Pauline Brightview, is will be remembered, is the dam of the Daisy Hill herd sire, King of the Pontiacs Son, whose daughters are making such fine records as two-year-olds.

LADY VICTORIA JOHANNA

A nice record has been made by Harry C. Schutt of North Branch, N. Y., with the three year old heifer, Lady Victoria Johanna. This heifer produced 407.2 lbs. milk, containing 21.93 lbs. butter in seven days, and 792.6 lbs. milk, containing 41.88 lbs. butter in fourteen days. Her milk tested 4.31 per cent for the two weeks on an average.

LADY VICTORIA JOHANNA
Owned by Harry C. Schutt, North Branch, New York.

She is a daughter of Fairmont Johanna Calamity, a 34-lb. sire, and her dam, Lady Victoria Hengerveld Burke has an A. R. O. record of over 29 lbs. butter in seven days.



PAULINE BRIGHTVIEW AND ANDY DACK

AN IMPORTANT QUESTION

(From an editorial in Kimball's Dairy Farmer)

The Holstein-Friesian World has asked its readers to respond to the question, "What is the greatest need of the dairy industry?"

It is to be hoped that the breeders of Holstein cattle will respond to the inquiry. If men today are thinking along constructive lines, and if they have the interests of the cow and her products at heart, they cannot help but acknowledge that there are more needs than one, any one of which might rightly be placed at the head of the list as the greatest need.

This question might well be asked of all the breeders of dairy cattle. It should apply also to the producers and distributors of milk. The creamery men and all other manufacturers of dairy products can well afford to ask themselves this question. The machinery men and all those whose interest survives because of what the cow does for them, can also take this serious question home and answer it.

Because men have not appreciated a need beyond that which affected their own immediate interest, the industry is unorganized. It does not have the public sanction to which it is entitled. It has not yet reached a period of development that will insure its future stability and progress.

Had this question been asked 10 years ago and answered as it ought to have been, conditions would be different. And had those whose enterprises have been vastly enriched at the expense of men whose business ability was of lesser degree, recognized the foundation of dairying and given dairy farmers better support and backing, the greater need would not be so apparent as it is today.

The Holstein-Friesian World is to be complimented upon its aggressive attitude toward this and other important questions. The breeders of those famous cattle are playing a big part in the dairy game and we hope that they will give frank and candid expression to the question.

KING BESS JOHANNA ORMSBY

The Records of His Seven Nearest Dams Average: Butter 35.83. The Semi-Official Records of His Seven Nearest Dams Average 1040.98 lbs.

HIS DAM

BESS JOHANNA ORMSBY

At 4 yr.—
Butter 7 days 40.71

At 2½ yr—
Butter 7 days 25.90
Butter 365 days 881.19
Milk 17801.30

NOW ON SEMI-OFFICIAL TEST AS A 4-YR-OLD

HIS SECOND DAM

SPRING BROOK BESS BURKE 2nd

7-day records—
Butter 6y 38.23
Milk 792.30
Butter 5y 36.12
Milk 736.10
Butter 8y 35.94

SEMI-OFFICIAL RECORDS
Butter 8y 1290.94
Milk 24918.10
Butter 5y 1044.91
Milk 23,340.10
Butter 6y 1034.33
Milk 21552.90
2 A. R. O. daughters

HIS THIRD DAM

SPRING BROOK BESS BURKE

Butter 7 days 34.81
365 days 1094.16
Dam of—
BESS BURKE ORMSBY
7 days 42.31
365 days 1175.00
SPRING BROOK BESS BURKE 2d
7 days 38.23
365 days 1290.94
BESS PIETERTJE ORMSBY MERCEDES 33.23
365 days 1235.32

MEADOW LANE FARM

AITKEN BROS., Owners
FRED E. KLUSSENDORF, Mgr.

WAUKESHA, WIS.

BONALEVO FARMS Consignment to the

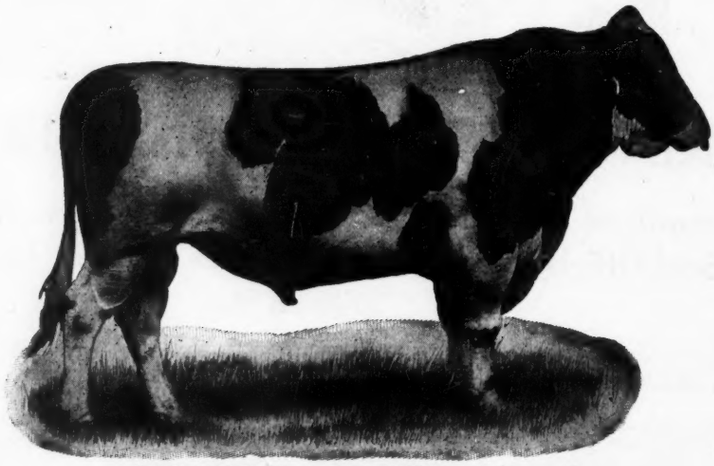
EIGHT RICHLY BRED ANIMALS

Including

Four Daughters of COLANTHA JOHANNA LAD 8th

Two Daughters of KING QUALITY

One High Class Show Bull, Sired by King Quality and from a 32-lb. daughter of Colantha Johanna Lad 8th that gave 775 lbs. of milk in seven days



COLANTHA JOHANNA LAD 8th

The great transmitting son of Colantha Johanna Lad from a daughter of Pontiac Korndyke. He has twenty-five 30-lb. sisters and his dam has nineteen. He represents the only similar combination of the two greatest transmitting sires of the breed.

Colantha Johanna Lad 8th transmits true to his breeding. He is the only sire in the world to have two 2-year-old daughters each give 600 lbs. of milk in seven days (Their full sister is in our consignment). He has three 2-year-old daughters which average 633.2 lbs. of milk in seven days.

King Quality is the best bred and best producing grandson of Colantha Johanna Lad. His dam is the only 30-lb. 4-year-old with a 30-lb. dam, and who has produced a 30-lb. 3-year-old daughter. His daughters already include three with 30-lb. records, two of them with milk productions of over 640 lbs. in seven days. Another daughter now on test has 672 lbs. in seven days.

The bull we are consigning, King Quality Hartog Johanna, combines these two great producing families. He also will transmit true to his breeding, and we know will exceed your expectations because the families he represents have made their records with large flows of milk and normal percentages of fat.

When at the Sale Look Up

KING QUALITY HARTOG JOHANNA

BONALEVO FARMS - -

R. E. CHAPIN & SON, Proprietors

NATIONAL SALE, Philadelphia, June 5-6-7

THE FOUR COLANTHA DAUGHTERS

BUTTER GIRL MAY JOHANN A - A 25-lb. jr.-2-yr.-old

Her dam has over 30 lbs. of butter from 692 lbs. of milk, and gave over 100 lbs. of milk per day. This heifer and her two full sisters, all 2-year-old records, average for the three 25.54 lbs. of butter and 584.1 lbs. of milk. The first of these to freshen, other than a 2-year-old, made 32.55 lbs. of butter and 775 lbs. of milk. Think of the future in store for this 2-year-old heifer.

Lady Nellie Johanna Korndyke 2d, a 21.3-lb. 2-year-old heifer. Her dam also is a daughter of Colantha Johanna Lad 8th, and she now has 24.35 lbs. of butter from 630.9 lbs. of milk and will be tested again. A splendid individual with wonderful dairy qualities.

Colantha Pauline Butter Cup. As handsome a heifer as you ever saw. Her dam has a yearly record of 825 lbs. of butter and 21,000 lbs. of milk made under average dairy conditions with two milkings per day. She has a 20-lb. 2-year-old and a 30-lb. daughter.

Colantha Hobby. Another show heifer, this one from a 25.65-lb. granddaughter of Pontiac Korndyke and Hengerveld De Kol.

THE KING QUALITY DAUGHTERS

Bonalevo Quality Walker Inez. This yearling is from a 31.31-lb. daughter of Admiral Walker Pietertje, sire of six 30-lb. daughters, and three world's record daughters. She will soon freshen by a 37-lb. son of Rag Apple Korndyke 8th.

Bonalevo Quality Lassie. Her dam is a 27.84-lb. daughter of King Pontiac Artis, that great son of King of the Pontiacs and Pontiac Artis, a 30-lb. daughter of Hengerveld De Kol. Also

Akra Spofford Korndyke. As handsome a 2-yr-old as you ever saw. She is just off test with a record of 23.05 lbs. of butter and 402.6 lbs. of milk.

- - - - BATAVIA, N. Y.

E. E. POOLE, Manager

SIR KORNDYKE BESS PIEBE

Sir Korndyke Bess Piebe, the new herd sire at the Ideal Farm, is in our estimation one of the best bred bulls to be found anywhere. He is a son of the great Sir Korndyke Bess whose daughters though all heifers are making a wonderful showing in yearly record work, two having already crossed the 800 lb. butter mark as two year olds.

Sir Korndyke Bess is a son of Bess Pietertje Ormsby Mercedes who has a 7-day record of 33.22 lb. butter from 787 lb. milk, and a year's record of 1235.3 lb. butter from 29,053 lb. milk, which makes her the second highest record daughter of Sir Pietertje Ormsby Mercedes. Bess Pietertje Ormsby Mercedes is a daughter of Spring Brook Bess Burke who has a weekly record of 34.8 lb. butter and a yearly record of 1094 lb. butter. Spring Brook Bess Burke has a 42 lb., a 38 lb. and and 33 lb. daughter, and these three daughters have yearly records above 1175 lb. butter. Spring Brook Bess Burke is the only cow in the world with three daughters above 33 lb. all of whom have yearly records above 1000 lb.

The sire of Sir Korndyke Bess is Sir Korndyke Hengerveld De Kol 36th, a wonderful show bull who was the first prize winner at the National Dairy Show. He traces twice to Hengerveld De Kol and also to Pontiac Korndyke. His dam is a half sister to Pietertje Maid Ormsby with a 35 lb. weekly record and a former champion of the world for thirty days.

The dam of Sir Korndyke Bess Piebe is Queen Piebe Ormsby Mercedes, who has two weekly records above 34 lb. and a third just reported above 30 lb.; two yearly records above 1125 lb. butter. At 4½ yrs. this great cow made 35.1 lb. butter in 7 days, and 1136 lb. butter for the year. She will be placed on test at the famous E. C. Schroeder Farms again this spring and should make an even larger record than ever before. For her first four years production Queen Piebe Ormsby Mercedes is well ahead of Tilly Alcartra in butter production and there is no reason why she should not keep her good work up. Queen Piebe Ormsby Mercedes is one of the greatest daughters of Sir Pietertje Ormsby Mercedes, who has more daughters above 1000 lb. butter in a year, and more daughters above 20,000 lb. milk in a year than any other sire. Sir Pietertje Ormsby Mercedes is also regarded as the premier sire of show ring winners.

Queen Piebe Ormsby Mercedes is a daughter of Queen Piebe of Fairview 2d who has a record of 30 lb. butter in 7 days, and who is a maternal sister to Queen Piebe Mercedes, the world's champion 4 year old for both milk and butter for 365 days.

The 5 nearest dams of Sir Korndyke Bess Piebe have records averaging 33.7 lb. butter in seven days. and his 8 nearest dams average 31.26 lb. Besides this his eight nearest dams all have excellent yearly records.

Not only is Sir Korndyke Bess Piebe one of the best bred bulls from the standpoint of both weekly and yearly production, but his offspring though not yet old enough to freshen, all show the wonderful type that is to be expected from the Sir Pietertje Ormsby Mercedes-Spring Brook Bess Burke combination.

Steedl Bros.

Wheaton, Minn.

ROACHARM HOLSTEIN HERD

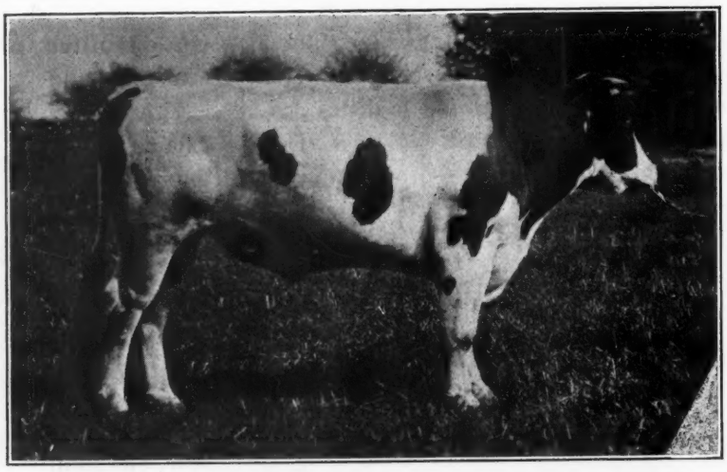
Besides The Great Bull

Dutchland Sir Pietertje Ladoga

Sire of the World Record Senior 2-yr.-old Twins

North Country Dutchland Alice 31.12
North Country Ladoga Alice 26.90

We want to show you our junior sire—a show bull and siring show quality. Four of his daughters are tested and hugging 20 lb. as junior 2-year-olds.



Sir Woodcrest Korndyke Kate De Kol 7th

From the former world record 4-year-old, Lieuwkje Korndyke, 32.04 lb. butter from 690 lb. milk, whose second dam was Lieuwkje Pauline De Kol, 30.47 lb., the dam of Lieuwkje Lynfeld Pleasant Valley Kate, 36.16 lb.

YOUNG BULLS FOR SALE

ROACH HOMESTEAD FARM

Pierrepont Manor, N. Y.

Address—D. B. Armstrong Watertown, N. Y.

DAIRYMEN'S LEAGUE NEWS

L. G. Kirkland Resigns From Dairymen's League Committee

It is with deep regret that the announcement is made of the resignation from the Dairymen's League Executive Committee of Mr. Leigh G. Kirkland, of Randolph, N. Y. Mr. Kirkland's resignation was made necessary because of illness in the family, making it difficult for him to be away from home so much. Mr. Kirkland has also submitted his resignation from the League Board of Directors. At this writing it has not been accepted, the directors believing that his services as director will not take so much of his time, and that perhaps he can make arrangements to remain as a director for a time at least.

In the time that Mr. Kirkland has been intimately associated with the direction of League affairs, he has been untiring in his efforts, and has missed no opportunity to serve the dairy farmer. To his very great sincerity and hard work there was added an excellency of judgment and a steadfastness of purpose which made him invaluable in the critical times through which the League has passed in the last year.

At the last meeting of the Board of Directors, held on Friday, May 9th, Mr. George S. Pickens, League Director from Erie County, and manager of

FRIESLAND FARM RECORDS

RESULTS OF TWO SEASONS' TEST

Daughters of KALMUCK SKYLARK JOHANNA 48832
(Our first herd sire.)

Name.	Age.	Milk.	Butter.
Niva Kalmuck	7y	644.9	45.18
Dora Sarcastic	7y	538.9	32.19
Kalmuck Skylark Clyde	5y	579.5	31.16
Lakeside De Kol Queen 2d	4y	530.0	30.98
Omaha Wayne Kalmuck	4y	488.4	30.06
Miss Lotta Kalmuck	6y	541.0	30.05
Secundus Wayne Kalmuck	5y	480.0	26.29
Fairmount Posch De Kol 2d	5y	429.0	25.18

Daughters of KING SEGIS LYONS 87148
(Our second herd sire.)

Name.	Age.	Milk.	Butter.
Omaha Chornita Posch	5y	630.8	38.43
Maud Gerben Lyons	3½y	530.6	32.94
Aaggie Echo Kalmuck 2d	3y	525.0	32.60
Fairmount Posch Segis De Kol	4½y	610.5	32.27
Segis De Kol Johanna 2d	5y	538.4	30.23
K. S. L. Maplecroft Lady	4½y	560.8	30.07
Mantema Segis Lyons	4y	482.4	29.50
Goldenrod Queen 2d	4½y	521.6	28.22
Omaha Segis Lyons	4y	515.2	27.26
Omaha Val Clyde	5y	504.0	27.20
Lady Gerben Segis Lyons	3y	487.5	26.53
Vall Segis	3y	455.1	24.18
K. O. L. Regina	3y	480.2	24.06
Omaha Chornita Segis	2½y	394.1	22.05
Lakeside De Kol Queen 3d	2y	386.1	20.70
Mabel Segis Lyons	2y	384.0	20.61

Daughters of RAG APPLE KORNDYKE BOON 123847
(Our present senior herd sire)

Name.	Age.	Milk.	Butter.
Rag Apple Korndyke Boon Kalma	3y	442.0	28.06
Rag Apple Korndyke Boon Vall	3y	437.3	25.33
Rag Apple Korndyke Boon Dorothy	2½y	439.6	25.06
Rag Apple Korndyke Boon Chornita	2y	407.6	23.65
Rag Apple Korndyke Boon Maid	2y	379.0	23.25
Rag Apple Korndyke Boon Omaha	3y	361.7	23.10
Rag Apple Korndyke Boon Kaby	2y	425.6	22.86
Gerben Korndyke Boon	3y	367.9	22.20
Rag Apple Korndyke Boon Clothilde	2½y	386.2	21.73
Rag Apple Korndyke Boon Queen	2½y	395.3	21.10
Sunny Pauline Boon Korndyke	3½y	352.7	20.60
Rag Apple Korndyke Boon Parona	2y	342.1	20.53
Rag Apple Korndyke Boon Aaggie	2y	354.7	20.26
Rag Apple Korndyke Boon Lotta	2½y	419.2	20.25
Rag Apple Korndyke Boon Maiden	2y	357.7	20.02
Rag Apple Korndyke Boon Piebe	2y	313.6	17.70
Rag Apple Korndyke Boon Princess	2½y	333.4	17.27
Rag Apple Korndyke Boon Pauline	2½y	301.7	16.69

Cows Bred Outside of Friesland Farm

Name.	Age.	Milk.	Butter.
Sadie Frisby Homestead 2d	5y	650.9	32.73
Colantha Gladi Parana	6y	624.7	31.72
Lotta Clyde	7y	709.1	31.33
Hilltop Veeman Cornucopia	6y	488.4	31.32
Maid Gerben Hengerveld	10y	553.1	29.30
Jessie Fobes Maid Burke Canary 2d	4½y	502.7	28.86
Barbara Carmen Longfield 2d	4½y	562.4	28.19
Chornita Posch	8y	595.8	27.27
Fairview Aaggie Wayne Korndyke	7y	515.1	26.70
Lady Pell De Kol 2d	6y	493.8	26.24

We have some splendid sons of Rag Apple Korndyke Boon and Alcartra Hengerveld Segis De Kol from these cows Splendid individuals, well grown and guaranteed to please.

B. B. DAVIS, Owner Omaha, Neb. HENRY STUBBE, Mgr.

the Buffalo Sales Office was elected to succeed Mr. Kirkland on the League Executive Committee. Mr. Pickens' ability and successful experience in selling League milk in Buffalo, especially fits him to come into the Committee.

E. R. Eastman.

KANSAS BOARD INVESTIGATING DAIRY INDUSTRY

The Kansas State Board of Agriculture, has started a thorough investigation of the dairy industry. Secretary J. C. Mohler announces that every phase and angle of the milk and cream business will be inquired into, with the purpose not only of increasing the quantity and quality of dairy products, but also of determining ways and means by which dairymen may obtain better profits.

"Dairying in Kansas in due for a big expansion," declares Secretary Mohler. "It is the desire of the Kansas Board of Agriculture to help place this branch of farming on a sound and paying basis, and to gain for the state a high reputation for both quantity and quality production. There is no reason why Kansas should not rank among the leading dairy states of the Union. With the hearty support and cooperation of the milk producers of our state, we believe an investigation of the kind we are starting will be a big help in bringing about the desired conditions."

The first step in the investigation has been the mailing out of more than 10,000 twelve-page questionnaires to representative milk and cream producers throughout the state. These questionnaires are now beginning to come back, though the returns have so far come slowly on account of the pressure of spring work on the farm. It is believed and hoped, however, now that a large part of the early planting is over, that farmers will be able to give the matter more attention, in an effort to return their questionnaires before the rush of wheat harvest.

When all available data and information has been received, it will be analyzed, compiled and published in the form of a report. Farmers everywhere have entered enthusiastically into the spirit of the work, for their past experience, cooperating with the Board of Agriculture in making such reports as "Alfalfa in Kansas" and "Hogs in Kansas", has proved that investigations of this character are really worth while and the means of assembling information of great usefulness and value.

Secretary Mohler states that there are still on hand for distribution copies of "Alfalfa in Kansas", and that "Hogs in Kansas" will soon be off the press. Farmers wishing these reports should write him at, Topeka.

J. C. Mohler.

MONTANA DAIRYMEN ORGANIZE HOLSTEIN BULL ASSOCIATION

The Flathead Valley Holstein Bull Association was organized at Kalispell, Montana on March 14, 1919. The association is composed of three blocks at the present time. A good young Holstein bull has been placed in each of the three blocks. The animals are of excellent breeding. One bull is a grandson of King of the Pontiacs and a great grandson of Hengerveld De Kol. The other bulls while not descendents of animals of such renown are from dams with good records. Animals with the breeding of these bulls will soon raise the standard of dairy cows kept in this community. The members of the association will soon be wanting a few pure bred cows to breed to these bulls and it will only be a few years until this part of Flathead County will be recognized as one of the Holstein communities in Montana.

It is possible that other blocks may be added to this Association in the future.

S. A. Trent is president; Joe Roe and Peter Newhouse are vice-presidents, and H. N. Kaufman is secretary-treasurer.

This is the second Holstein bull association that has been organized in Montana as The Sanders County Pioneer Bull Association was organized at White Pine in June 1918. Prospects are good for the organization of another bull association in Flathead County.

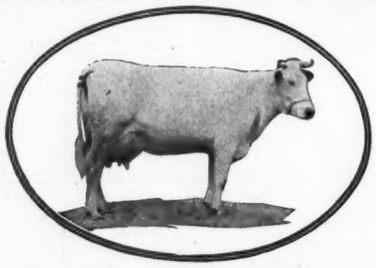
More can be accomplished in improving dairy herds in Montana through bull associations than by cow testing associations as the dairy herds are not of sufficient size for the successful operation of cow testing associations.

The Flathead Purebred Live Stock Breeder's Association has just recently been formed at Kalispell. The object of this organization is to encourage the use of better live stock of all classes. The board of directors con-

REX WANDERBELLE ORMSBY JANE

WORLD'S HIGHEST RECORD BULL IN SERVICE

You are all familiar with the likeness of his dam.



WANDERMEERE BELLE HENGERVELD

Bought at Worcester at $18,300.00, the highest price ever paid for a dairy cow, as the World's Champion Junior 4-year-old.

Where can you get the services of the son of such a cow for $100?

Rex Wanderbelle Ormsby Jane

WORLD'S HIGHEST RECORD BULL IN SERVICE

Service fee $100 for a while

at

DOLD BROS. ALDENCREST FARMS

Alden, N. Y.

sists of men who are either breeders of pure bred beef cattle, dairy cattle, horses, sheep or hogs.

The enthusiasm shown and interest taken at the meetings when these organizations were formed was sufficient to make them successful in operation. It is needless to say more, and better live stock will be the result which will be shown by the live stock in this part of the State in a few years.

F. W. Kehrli of the Western Dairy Office at Salt Lake City, and H. N. Kaufman, Flathead County Club Leader, assisted in this work.

BOYS' AND GIRLS' CALF CLUBS

The Farm Bureau Associations of Allegany and Steuben Counties have been outlining plans and working together to foster interest in the Boys' and Girls' Calf Club work. Thus far very gratifying results have been secured.

Members Enrolled

Thirty-four boys and girls secured calves for the Boys' and Girls' Pure Bred Holstein Calf Club at Hornell on April 15th. The members enrolled in Allegany County for the Holstein Calf Club are:

Albert Stillman, Alfred, N. Y.; Milton Emerson, Alfred Station, N. Y.; Ira Davis, Alfred Station, N. Y.; Raymond Witter, Alfred, N. Y.; Florence Wells, Almond, N. Y.; Wilson Karr, Hornell, N. Y.; Maxson Crandall, Andover, N. Y.; Mervin Lewis, Almond, N. Y.; Marion A. Wells, Almond, N. Y.; Lynn Coleman, Hornell, N. Y., R. D.; Dighton Burdick, Alfred, N. Y.; Mary Elliott, Alma, N. Y.; John Lane, Friendship, N. Y.; Kenneth Lane, Friendship, N. Y.; Walton Claire, Alfred Station, N. Y.—From Allegany Co., Farm Bureau News.

SPRING BORN CALVES NEED SPECIAL CARE

Rush of Other Work Likely to Cause Neglect When Attention Pays Best—Some Suggestions

Calves born in the spring are likely not to have as good an opportunity for proper development as those born earlier in the winter. The rush of outside work detracts from their care and the interest in them at a time when such attention always pays best. All young animals worth raising should be well fed from the start.

If possible they should be fed whole milk three times a day until at least one week old. As a general rule, twelve pounds of milk a day for each 100 pounds of live-weight should be fed. This rule may be followed approximately for all ages and for all kinds of liquid food.

When quite young the calf should have access or be encouraged to eat the following dry grain mixture after its milk or gruel food—30 pounds of corn meal or hominy, 30 pounds wheat bran, 30 pounds ground oats and 10 pounds of oil meal.

Provide Clover or Alfalfa

Choice second-cutting clover or alfalfa hay should be provided after the calf is two or three weeks of age.

Where skimmilk is not available and whole milk too expensive, a substitute can be used after the calves are three weeks of age. A gruel made from equal parts of soluble blood flour, hominy feed, red dog flour, and linseed oil meal should give fair results. The correct proportions are one pound of mixture to eight pounds of water. The ingredients should be mixed first with a small amount of cold water and then hot water should be added in the proper amount at not over 145 degrees F. When cool, the mixture is in the same proportions as skimmilk. Hay and the dry grain mixture should be provided.

The calf born in spring ordinarily should not go to pasture before early fall, but should be kept in a clean, dry stall away from the flies and heat, and fed regularly and abundantly.—H. A. Hopper, Department of Animal Husbandry, New York State College of Agriculture, in Chemung Co., Farm Bureau News.

RECONSTRUCTION IN ITALY.

The American Consul General at Genoa, Italy, has forwarded to the Department of State, under date of March 8, 1919, a report on the measures under consideration for the reconstruction of the cattle industry in Italy. This industry has been damaged seriously both by the war and by an epidemic of the foot-and-mouth disease.

The Permanent Committee of the Zootechnical Council recommended that the regulations regarding the slaughtering of calves be enforced more strictly in the dairying regions. In these localities farmers have stopped feeding whole milk to calves, owing to the high prices received for the milk. The calves were then slaughter-

Mudcura Rag Apple

INDIVIDUALITY A crackerjack, a long, level, deep-bodied bull showing wonderful dairy type. His dam is a cow of wonderful proportions and superb individuality and his sire is a real show bull. Everybody knows him.

BREEDING Son of Rag Apple Korndyke 8th, the only living sire with two 40-lb. daughters; and of Riverview Pontiac Hopeful: Butter 39.14 lb., milk 666.1 lb., average fat 4.7 per cent.

OPPORTUNITY Has been used in Pine Grove Herd and now heads one of the largest and best producing herds in Minnesota where his daughters will be given the utmost in care and development.

Dr. H. P. Fischer
Shakopee

Mudcura Herd
Minn.

ed, 250,000 calves being killed clandestinely in 1917 alone. The regulation desired to be enforced prohibits the slaughter of heifer calves under 2½ years old, but permits the killing of bull calves of any age. A similar regulation has produced good results in France since 1915.

According to the report of the Consul, The Cremonese Co-operative Federation of Dairies has offered a price of 100,000 lira ($19,300) for a cure or a means of prevention of the foot-and-mouth disease. The Zootechnical Committee recommended that the price should be increased as much as possible by the Ministry of Agriculture, suggesting that an initial fund of 200,000 lira ($38,600) be set aside for the purpose.

A SYNDICATE BULL AT PHILADELPHIA

One of the good things to be sold at the Moyer National Sale at Philadelphia is Sir Pietje Echo Sylvia Pontiac, the 27 months old bull owned by the Morrisville May Echo Syndicate, Morrisville, N. Y. This bull was one of two purchased by the syndicate some time ago of Avondale Farms. The two bulls were so nearly alike in quality and breeding that the members of the syndicate were unable to choose between them, so bought them both. Now the withdrawal of one member from the syndicate leaves them with more herd sires than they can take care of, consequently Sir Pietje Echo Sylvia Pontiac is being consigned to the Philadelphia sale.

As his name implies, this fellow is sired by the great Avondale sire, Champion Echo Sylvia Pontiac, who is well known as a son of that greatest of milk producers, May Echo Sylvia. The dam, Cornelia Pietje, made a 32-lb. record as a junior 4-yr.-old, freshened again as a senior 4-yr.-old and made another 32-lb. record. She is a daughter of Pietje 22d's Son, who has a fine list of large record daughters. The records of his dam and sire's dam average:

Butter 7 days 36.66
Milk 756.8

He has fifteen very handsome and promising daughters in Morrisville, who will be given every opportunity of showing what they can do; also the Morrisville people have some fifty great dairy cows in calf by this sire. This will give him a good start in a few years, so that altogether Sir Pietje Echo Sylvia Pontiac looks like one of the prominent attractions of the sale. Notice the advertisement of this syndicate bull elsewhere in this issue.

Moyer National Sale

SPRUCEHURST AND HOMESTEAD FARMS

offering all bred to

King Pontiac Hengerveld Fayne

—SON OF—

King of the Pontiacs

And A 47.35 lb. Daughter of the 50 lb. Cow

COLANTHA JOHANNA VERA MERCENA

Sire, Dutchland Colantha Mona Lad, now 25 A. R. O. daughters, (repeatedly a first prize winner). A full brother to the World Champion 3-year-old heifer, milk 1 year, 22,645 pounds, and to Dutchland Colantha Sir Mona, sire of Lakeview Dutchland Artis, butter 42.07 lbs., and Lakeview Dutchland Calamity Rose, 2 yrs., 31.71 lbs. Her dam Pauline Vera De Kol Johanna, a show winner, and in addition to having a 24.44-pound record has 1 A. R. O. daughter. She is sired by Dutchland Colantha Mercena Boy, by Colantha Johanna Lad, 24 30-lb. daughters. The second dam, Vera Pauline De Kol, record 24.10 pounds, has 6 A. R. O. daughters, and one more not yet in milk. She was sired by Clintonia Friend Paul, a son of Clintonia Hartog De Kol, butter 32.20 lbs., 30 days, 130.85 lbs.

MONA VEEMAN SILK

Her 7 nearest dams average butter 26.23 pounds for 7 days (these dams have to their credit 24 A. R. O. daughters). Her 14 nearest dams average 24.48 lbs. She traces on both sides of her pedigree to Mona Pauline De Kol—butter 27.18 lbs. (6 A. R. O. daughters that average butter 26.10 lbs., 12 A. R. O. granddaughters). Her sire is an A. R. O. son of Mona Veeman 33.78 lbs., whose twin daughters sold at Detroit for $1125 each; a grandson of Daisy Pietj. Hartog 2d, 3 years butter 27.38 lbs., (former world record). Her dam has a Jr. 3-year-old record of 20.65 lbs. and is a full sister to the above. These 2 heifers trace twice to Abbekerk Prince 2d C. (seen in pedigree of new 51-pound cow) through Mercena 3d, 27 pounds, and a full brother to Alta Posch, 27-lb. champion 3-year-old. A pedigree of reproducing dams.

SPRUCE-HURST SILK KORNDYKE

Her 7 nearest dams average 7 days milk, 492.4, butter 26.59, and fat 5.04 per cent. These 7 cows have 14 A. R. O. daughters. Her sire is a producing son of Pontiac Lady Korndyke, butter 38.03 lbs. (her 3 sons sold for $45,000). His 6 nearest dams average 30.3 lbs. He is a grandson of Colantha Johanna Lad, with 25 30 to 37-lb. daughters. The only century sire where 1-5 of his daughters have 30-lb. records. The dam, Mona Silk, is a daughter of Dutchland Colantha Mona Lad (see above). In her 6 generation pedigree are 37 A. R. O. cows, whose records average 21.30 pounds butter. Here is Colantha Johanna Lad on both sides of the pedigree, and Pontiac Lady Korndyke, butter 38.03 lbs. and Mona Pauline De Kol, butter 27.18 lbs. 2 A. R. O. sons with a 40 and 3 30-lb. daughters; 6 A. R. O. daughters with 12 A. R. O. granddaughters This pedigree excels in reproducing dams

GEORGIA MAKES A COMMENDABLE DEMONSTRATION

When in November, 1918, fair Luna peeped from behind the clouds of war and the morning of peace was awakened by the soft rays of Old Sol kissing the dew-drops that clustered on grain and provender that were ripening and mellowing on hillside and in valley throughout the Gulf States, there was a full realization that at last farming was recognized as an essential and honorable calling. War's ravages had called loudly for the produce of the farmstead, and the best that was in the farmer had been fully awakened and revived. And now that the lowing herds and the buzzing bees that supplied milk and honey for the Southland and for the Nation had done their bit in the history of this epoch of the world, one was reminded that after all the peaceful industry of the farmstead is the one alone that man so persistently looks for that can lend permanent peace, prosperity and comfort.

Among those who have done their part toward bringing farm-life forward in Louisiana directly and the South incidently is W. L. Houlton, of Uneedus, La. In one year he expended upward of $80,000 on reclaiming a section of pine land—clearing up stumps, ditching and road building, and putting the place in shape for diversified farming. He is raising on a large scale, hogs, horses and beef and dairy cattle. Recently he made a purchase of $20,000 worth of registered Holstein cattle.

J. W. Parkyn, the dairyman in charge, is keeping a record of the milk cows. Though the animals had but recently taken a thousand-mile trip from Iowa, the average is up to sixty pounds of butter fat per month.

There is on the place a twenty-months-old bull that weighs 1730 pounds. The herd bull is four years old and weighs 2240 pounds. This bull took first prize in all the Eastern States, but owing to having been on the road so long he fell to third at the National Dairy Show at Columbus, Ohio, last fall.

While on his trip to Waterloo, Iowa, to make his recent purchase of Holstein cattle, Mr. Houlton purchased a

"What A Wonderful Combination"

As I was telling a visitor to the Farm about the many splendid qualities of our herd sire; as I told him about that great cow K. P. Diona Pietertje, his dam, with a record of 40.15 lbs. of butter and 825 lbs. of milk for 7 days; as I told him of HER wonderful 37-lb. dam, Diona Konigen Pietertje, and her wonderful 36-lb. sister, Diona Konigen Pietertje 2d; as I told him about K. P. Diona's TWO 40-lb. sisters, and the TWO wonderful 30-lb. sisters of her sire; as I pointed out the fact that being a son of Rag Apple Korndyke 8th, he was a brother to TWO 40-lb. cows, one a present World's Champion, and the other the first heifer in the World to make 30 lbs. of butter at 24 months of age, he turned to me and says "What a Wonderful Combination." A careful study of the FACTS will convince any careful breeder that

A Better Bull Than His Sire

Son of Rag Apple Korndyke 8th

MAJESTIC RAG APPLE

is justly entitled to his name. He is "MAJESTIC" both in breeding and individuality. He's PROVING his quality in the calves that he has sired (most of them 2-3 white in color); and, he will PROVE his worth to every breeder who grasps the opportunity of the present hour, and buys one of the good sons of Majestic Rag Apple with which to build the future of his herd. I tell you, Fellow Breeders, sons of Majestic Rag Apple are

JUST LIKE A GOLD BOND INVESTMENT

You CAN'T lose. You are BOUND to WIN. Everyone who sees Majestic says "He's a WONDERFUL Bull." And the best part of it all is the fact that we are selling sons of this great sire at FARMERS PRICES—by that, I mean prices that the SMALL BREEDER can afford to pay. Write us today. Let us save one for you. In other words "Get in on the Ground Floor." Be a money making breeder of HIGH quality Holsteins. It PAYS.

NIAGARA MAID FARM J. T. SHANAHAN Owner **East Aurora, N. Y.**

40 HEAD of the Hamilton Herd

PHILADELPHIA, PA.

Four Families of Three Cows Have Been Devel Is More than Has Been Other Herd in the

1 Twenty-one are backed by three generations of 30-lb. cows on the dam's side.

2 Eighteen have 30-lb. dams, 3 of which are 30-lb. cows and a fourth has 29.89-lb.

3 Eleven have 30-lb. dams and 30-lb. grandams.

4 Four have 30-lb. dams and 30-lb. grandams and 30-lb. great grandams.

5 Two have 30-lb. dams, 30-lb. grandams, 30-lb. great grandams and 30-lb. great great grandams.

6 Three daughters and four granddaughters of three cows that have made ten 30-lb. records.

7 The only 30-lb. cow backed by three generations of 30-lb. cows on both sire and dam's side, also her two daughters.

8 A 30-lb. daughter of a sister to the above cow will be sold with her two daughters.

9 Queen Record, the only heifer in the world with an average of over 30-lb. for her thirty nearest dams.

All but One Animal In This Consignment Has a 30-lb. Dam or Dam's Dam or Both. That One Exception Is Herself a 30-lb. Cow

A. A. HARTSHORN COMPANY

Consigned to the Philadelphia Sale

Generations of 30-lb. oped in this Herd which Developed in Any World.

JUNE 5-6-7

10 There are but three 30-lb. cows of the breed backed by three generations of 30-lb. cows on the dam's side. Two of them are in this sale.

11 There will be sold, 4 sons and 5 daughters of King Echo Sylvia Model. His seven nearest dams average 35.36-lb. and his eleven nearest dams average 34.12-lb.

12 One of these sons is from a 30-lb. daughter of a 32-lb. cow, both of which have given over 100 lbs. milk in a day. His four nearest dams with the eleven of his sire average 33.65-lb.

13 Another son of King Echo Sylvia Model is from a dam that gave 105 lbs. in one day and 698 lbs. in a week. His four nearest dams with the eleven of his sire average 33.62-lb.

14 A third son of the same sire is from a full sister to Ruby Walker Pietertje 3d, giving him twenty-one dams that average 32.54-lb.

15 A fourth son is from a 20-lb. 2-yr.-old daughter of King Lyons and Gelsche Walker. His twenty-five dams average 31.53-lb.

There Will Be Sold Seven Females Backed by Four Generations of 30-lb. Dams. There Is but One Other Herd Where One Such Animal Can Be Found

- - - Hamilton, N. Y.

(Continued from page 74.)
six-months-old bull at a nominal figure. The next day Senator Hackney, of Minnesota, purchased the little bull's sire for $8100 and the following day sold a half interest in him for $15-000. The day after that a three-days-old half-sister of Mr. Houlton's little bull sold for $150.00

Mr. Houlton finds that abundant forage can be raised in his section of the country, and with plenty feed milk may be plentiful. So plentiful was feed on his place that one of his silos was not used during the year, and he finds that silos are good for several years. With abundant forage and plenty of milk the dairy problem in the South will soon be solved.

While Mr. Houlton is able to do what he has undertaken, the work he is performing for producer and consumer is great. He is demonstrating what may be accomplished by careful, scientific endeavor. In this effort and accomplishment he is entitled to the commendation of the industrialist and the ultimate consumer everywhere.

Dimean F. Young.

ONE OF IDAHO'S BEST

A show cow as well as a great producer is Daisy Pioneer Clyde, formerly owned by H. R. Boomer, of New Plymouth, Idaho. Daisy has won many prizes in the show ring, including a grand championship at the Idaho State Fair in 1916, where her yearling daughter also won junior championship and her son first prize with hot competition.

Daisy Pioneer Clyde has records as follows:

Butter 7 days 30.08
Milk 622.1
Butter 30 days 123.43
Milk 2811.5

Her milk records are state records over all ages and her butter records stand second in the state only to the 4 year old Matador Twisk Minnette 4th.

DAISY PIONEER CLYDE
An Idaho State Champion.

The year previous to this as a five year old, Daisy Pioneer Clyde made a 28 lb. record, which was the first test Mr. Booner had ever conducted. The test was begun three weeks after freshening, and was only run for seven days.

Concerning her 30 lb. record Mr. Boomer writes, "When her six year old record was made the weather was humid and rainy, and most unseasonable for February. The cow had never been trained to a box stall, and in both years she ran out in the yard with the other cattle most of the day. We do not have a great variety of feed available here, and have to be satisfied with barley, oats and bran. When I see some of the test rations of your Eastern breeders, I can not help wondering what this cow would have done with such handling. During her 30 day record there were just two dry, cool days, and on the second of those she made 5⅝ lb. butter and

(Continued on page 82.)

MISSOURI'S BIG HOLSTEIN DISPERSAL SALE

75 Pure Bred Holsteins - - 40 High Grades

TUESDAY, JUNE 10th, 1919

CRESCENT, MISSOURI, (25 miles southwest of St. Louis)

The P. P. Lewis Estate Herd is the result of 25 years of careful breeding and selection and has been tuberculin tested by Uncle Sam.

The blood of the best foundation animals is found in ample proportion throughout the breeding of this herd. Most of the animals are sired by Butter Boy Pontiac Jewel and Prince Pontiac Jewel Pietje. Butter Boy Pontiac Jewel is a 27.80-lb. grandson of Pontiac Jewel and De Kol 2d's ButterBoy 3d (118 A. R. O. daughters). Pontiac Jewel has 30.72 lb. butter in 7 days, 920 lb. butter in 305 days, 992 lb. butter in 365 days and is a daughter of the first century sire Hengerveld De Kol.

Prince Pontiac Jewel Pietje is likewise a grandson of De Kol 2d's Butter Boy 3d and Pontiac Jewel. His dam is a splendid double A. R. O. granddaughter of Homestead Girl De Kol Sarcastic Lad (107 A. R. O. daughters).

Most of the females of this breeding are bred to Campus Sir Korndyke Tony, a 26-lb. son of Sir Korndyke Hengerveld De Kol, formerly a herd sire in John B. Irwin's herd as well as the Missouri University Herd. Sir Korndyke Hengerveld De Kol has 45 A. R. O. daughters, including four above 30 lb. One of these is the famous Miss Korndyke Maid Ormsby 30.72 lb.

This cross combines the blood of De Kol 2d's Butter Boy 3d (118 A. R. O. daughters), Hengerveld De Kol (116 A. R. O. daughters), Homestead Girl De Kol Sarcastic Lad (107 A. R. O. daughters), and Pontiac Korndyke (147 A. R. O. daughters), including two 40-lb. cows.

Some of the cows have creditable A. R. O. records so that this dispersion affords an unusual opportunity to purchase foundation stock at your own price.

Sale Mgr.
C. E. DRIVER, Sec'y

Auctioneer
J. E. MACK

MISSOURI HOLSTEIN BREEDER'S ASSOCIATION

Crescent, Mo.

Write for Catalog

THE HIGHLAND FARM CONSIGNMENT

— TO THE —

Moyer National Sale—June 5-6-7

HEADED BY

KING KORNDYKE PONTIAC LENORE

A 30-months-old son of Spring Farm King Pontiac 6th from Lenore Girl Korndyke, a 4-year-old daughter of King of the Pontiacs 7th, with a record of 30.22 lbs. butter from 600 lbs. milk in 7 days and 125.35 lbs. butter in 30 days from 2496 lbs. milk. The next dam is a daughter of the great show bull, Paul Calamo Korndyke. As will be seen from the accompanying illustration, this bull is a very beautiful individual, gets very handsome calves, 80 per cent of which have been heifers. He has a number of daughters in our herd, all of which will be developed as they reach maturity. He is one of the very best sons of Spring Farm King Pontiac 6th.

And Six Beautiful Heifers — Two From 30-lb. Dams

1. Highland Pelham De Kol, a 15-months-old daughter of Spring Farm King Pontiac 5th from K P Pelham De Kol, a 32-lb. full sister to Idleaze Pontiac Lass, the 43-lb. daughter of King of the Pontiacs that sold for $13,000 in the last National sale. The dam is by King of the Pontiacs from Pelham De Kol Urma, a 30.4-lb. cow with two 30-lb. daughters, Spring Farm King Pontiac 5th is by a 37-lb. son of King of the Pontiacs from a 34.9-lb. dam. This heifer is nearly all white, a perfect individual and the records of her four nearest dams and her dam's full sister average 35 lbs.

2. Highland Snowball Witra, a 15-months-old daughter of Spring Farm King Pontiac 5th from Snowball Witra, a cow that made 23 lbs. as a senior 2-year-old, 30.9 as a senior 3-year-old and 33.3 as a 5-year-old. Snowball Witra is by a son of De Kol 2d's Butter Boy 3d from a daughter of Korndyke Queen De Kol's Prince. She has produced a 23-lb. 2-year-old daughter and sold in the Milwaukee sale last June for $1950. The three nearest dams of this heifer average 35.2.

3. A 15-months-old daughter of Spring Farm King Pontiac 5th from Highland Spring Farm Pontiac Queen, a 23.98-lb. senior 2-year-old daughter of Spring Farm Pontiac Cornucopia from Snowball Witra, a 33-lb. granddaughter of De Kol 2d's Butter Boy 3d. Her own dam sold in public sale for $1560, her grandam for $1950 and her grandsire for $15,000. Her five nearest dams average 34.66.

4. Highland Pauline Beets, a 14-months-old daughter of Duke Pietertje Pontiac Korndyke 7th from Pauline Ideal Beets, a granddaughter of Manor Johanna De Kol with 29.02 lbs. butter from 612 lbs. milk in 7 days, 120.32 lbs. butter from 2444.8 lbs. milk in 30 days. Duke Pietertje Pontiac Korndyke 7th is by a brother to two 40-lb. cows and a sire of three 40-lb. cows.

5. Highland Ethel Pontiac, a 16-months-old daughter of Spring Farm King Pontiac 5th from a 20-lb. 2-year-old daughter of Changeling Tidy Abbekerk Paul, a son of the century sire, Changeling Butter Boy.

HIGHLAND STOCK FARM

MRS. H. D. WELLER **Lowville, N. Y.**

MOOR HEAD

MINNESOTA BREEDERS'

Sir Pietertje Ormsby Mercedes 14th

Considered by many prominent judges to be the greatest show sire of the breed. One daughter has recently broken the state junior four-year-old record. He will be sold.

Ruby Karen Mercedes

Butter at 4y 1m 35.03
Butter at 2y 29.63
Butter 365 days 879.89

A wonderful show heifer as well as a producer. A daughter of Sir P O M 14th. To be sold.

All Sold Subject to 60-Day Retest

THE GREATEST SALE

(Held for the Express Purpose of Making

EIGHTY SELECTED ANIMALS

University Farm
T. H. Skrei
O. J. Grover
E. C. Schroeder
M. L. Enright

N. P. Hanson
Neely H. Gray
M. C. Kroneman
Martin Telkamp

Bertram D. Scott
Marlow & Randall
Steidl Brothers
Winship Farm Co.
U. L. Lashbrook & Sons

Over half of the sale will be made up of sons and daughters and grandsons and granddaughters of the following famous sires:

KING SEGIS PONTIAC COUNT
The sire of more world's record daughters than any sire that ever lived.

SIR PIETERTJE ORMSBY MERCEDES
The world's greatest sire of show ring winners and yearly producers.

SIR ORMSBY HENGERVELD DE KOL
The sire of Pietertje Maid Ormsby and grandsire of Duchess Skylark Ormsby.

SIR JOHANNA CANARY DE KOL
Famous as the sire of Spring Brook Bess Burke 2d and other noted producers.

SIR PIETERTJE ORMSBY MERCEDES 14th
The greatest transmitting show sire in the world.

Jenny Wren Pietertje

One of the famous show daughters of Sir Pietertje Ormsby Mercedes. Now on test and going 30-lb. rate. She is to be sold.

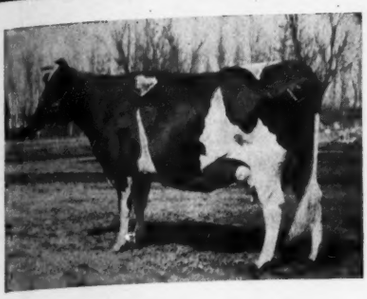
Sir Johanna Canary De Kol Lass

27 lbs. in 7 days and 920 for the year. A sister to Spring Brook Bess Burke 2d, 38 lbs. in 7 days and 1290 for the year. This great cow is consigned.

MINNESOTA HOLSTEINS

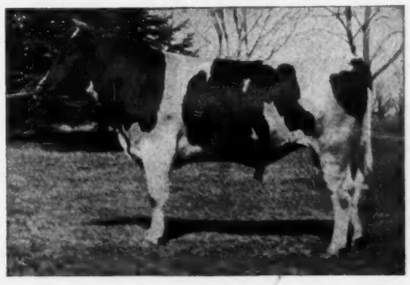
GUARANTY SALE

JUNE 12th



Miss Minita Ormsby Mercedes

Butter 7 days 31.08
Milk 700.80
(Going strong on yearly test.)
Sir Pietertje Ormsby Mercedes lists her with his best. She will be sold.



King Ormsby Korndyke Ornetta

A son of Ruby Karen Mercedes, state champion four-year-old with 35 lbs. To be sold.

OF TYPE EVER STAGED

You Better Acquainted with Minn. Holsteins)

Paynesville Stock Farm
Dr. Fisher
E. P. Miller
Carleton College
E. J. Brosleus
Mayowood Farms
Hagebart Bue
Minnesota Holstein Co.
E. A. Heifort
Fleck's Holstein Farm
Ramsey County Home
Sen. J. M. Hackney
John B. Irwin
W. S. Moscrip

REPRESENTING TWENTY-EIGHT LEADING HERDS

SOME OF THE ENTRIES

SIR PIETERTJE ORMSBY MERCEDES 41st—The only son of Spring Brook Bess Burke. Two of his daughters have just made over 27 lbs. as two-year-olds. His sire has more 1000-lb. daughters than any other sire. His dam more 1000-lb. daughters than any other cow. Two full sisters over 1160 lbs. for the year. One full sister over 42 lbs. A real individual and right in his prime.

PIEBE BESS SEGIS—The best bred and best individual daughter of King Segis Pontiac Count. Now on test. Will be bred to the 44-lb. bull, King Korndyke Pontiac Lass. Her dam is Wisconsin Bess Piebe Laura 2d, the 34-lb. show cow. Next dam 29 lbs.

PERFECTION OF SHADY NOOK—A 30-lb. cow going at a 1000-lb. clip for the year. Bred to King Segis Pontiac Count.

Moorhead, Minn., is located on the main lines of the Northern Pacific and Great Northern Railroads. Direct train service from Chicago, Twin Cities and Pacific Coast.

Illustrated catalog on application to
BERTRAM D. SCOTT, Sec'y.
Richfield Station Minneapolis, Minn.

Minnesota Holsteins are Safe to Buy

Canary Polkadot Wisconsin Lottie

A 24-lb. cow running at a thousand-pound rate for the year. She is the nearest relative of Spring Brook Bess Burke 2d, 38-lb., 1290-lb. cow. To be sold.

Colantha Pietertje Lass

Butter 365 days at 4y 1023.68
Butter 7 days at 4y 4m 31.99
Butter 7 days at 6y 32.41
One of the famous daughters of Sir Pietertje Ormsby Mercedes. She, her son and daughter in the sale.

MINNESOTA HOLSTEINS

(Continued from page 78.)

110 lb. milk, and this was where it did not come in her seven day record either. It made me think great things would happen had conditions been more favorable. I sold the old cow when over nine years of age to Carnation Stock Farms, where she now lives."

Daisy Pioneer Clyde is a daughter of that great sire, Sir Clyde, who has a splendid list of great producing daughters with records up to 33 lbs. She herself has two A. R. O. daughters, one a 23 lb. four year old, the other a 16 lb. two year old.

When it comes to individuality combined with producing and transmitting power, Daisy Pioneer Clyde ranks with the best.

A NEW ENGLAND CHAMPION

It is rather unusual for a cow to hold a championship in two different classes at one time. Marion Clover Blossom 3d, the New England champion for seven and thirty days in the junior 3-year-old class, has just completed a junior 4-year-old record as follows:

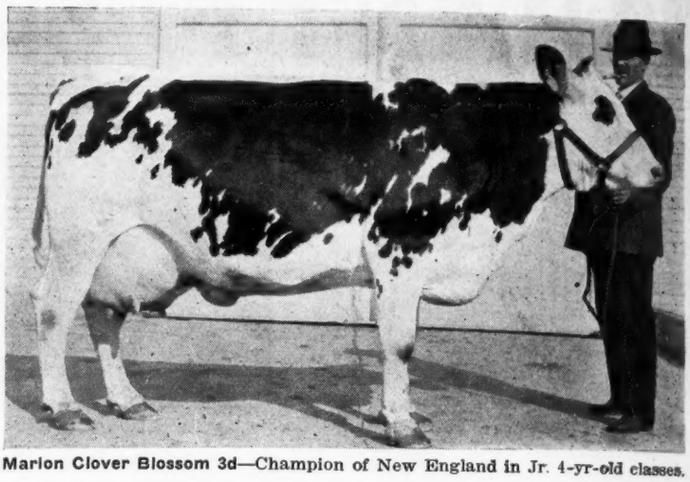
Butter 7 days	37.26 lb.
Milk 7 days	640.7 lb.
Butter 30 days	151.91 lb.
Milk 30 days	2621.2 lb.

Both the seven and the thirty day records are the largest ever made in New England by a junior 4-year-old. Besides holding New England championships in both these two classes this remarkable heifer has a two-year-old record of 22.26 lb. butter in seven days and 93.02 in thirty days, which entitled her to the championship in the state of Maine at the time.

Marion has demonstrated her ability to reproduce as well as to produce, by the performances of her daughter, Marion Beets Mercena, whose record at two years twenty-four days is:

Butter 7 days	23.04 lb.
Milk 7 days	529.7 lb.
Butter 30 days	97.1 lb.
Milk 30 days	2219.0 lb.
Butter 60 days	186.04 lb.
Milk 60 days	4240.8 lb.

Marion Clover Blossom 3d, and her daughter are both owned by Summit Lumber Company, Davidson, Maine.



Marion Clover Blossom 3d—Champion of New England in Jr. 4-yr-old classes.

Little Johnny Holstein had just become the unwilling brother to twin sisters. He didn't mind one new addition to the family but two seemed a trifle thick. As it happened, his chief ambition ran in another direction and he thought it wasn't very fair. So he found a piece of board, borrowed the paint brush from the wood-shed and made a sign to be stuck up on the front lawn. "For Sale—One baby sister, or will swap for a Hulsteen hefer caf." And then below, "Notice, Doctor Payson! Next time bring Hulsteens in your satchel. Pa and me is tired of girls."

A CHAMPION'S DAUGHTER TO BE SOLD AT PHILADELPHIA

We consign to the Moyer National Sale at Philadelphia, a daughter of Rag Apple Korndyke and Pauline Mabel Maid.

HER SIRE—Rag Apple Korndyke, has over half a hundred A. R. O. daughters with records up to 37 lbs. He is one of the best sons of Pontiac Korndyke out of Pontiac Rag Apple (31.62 lb.), who is a daughter of Pontiac Korndyke.

HER DAM—Pauline Mabel Maid, is one of the greatest young cows of the breed. Last year she won 1st Association prize for milk and this year she will duplicate that performance. If her best week's milk had coincided with her best week's butter she would be

The World's Champion For Milk

The Dam—Pauline Mabel Maid

At 3½ yr.—

Butter 7 days	32.63
Milk	752.00
Butter 30 days	132.60
Milk	3152.00
Best day's milk	116.50
Best 7 days	770.40

(Largest in the world).

At 2½ yr.—

Butter 7 days	28.15
Milk	627.80

(First Prize 1917-1918).

At 25 mo.—

Butter 7 days	22.25
Milk	530.50

(3rd Prize 1916-1917).

Average for 3 years all under 4 years old:

Butter 7 days	27.68
Milk	636.90

(World's record averages).

Note her remarkable averages for her first three freshenings, all under 4 years old. No other heifer can make such a showing. Also her 30-day milk record is only 2 lb. under the World's Record.

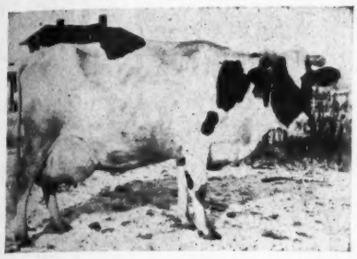
SHE IS CONSIGNED TO THE PHILADELPHIA SALE BY

R. G. WILLIAMS & SONS -:- CANTON, PA.

A GROUP OF PRODUCERS
Owned by S. C. Lindsey, El Dorado Springs, Mo.

WORD FROM THE HOME OF STATE CHAMPIONS

The World was pleased to receive a short time ago a letter from S. C. Lindsey, El Dorado Springs, Mo., the owner of the state champion, Snowball Topsy De Kol Aaggie, whose two-year-old record of 13 lbs. butter in seven days, nine months after calving, is believed to be a state record. This heifer gave five and one-half gallons of milk a day during the week of the test.



S. C. LINDSEY'S ONLY GRADE

Another state champion of Mr. Lindsey's is Oriskany Keyes, the only cow in Missouri with a record above 31 lbs. butter in seven days and above 1200 lbs. in thirty days, and above 642 lbs. in 268 days. Also she is the only cow in the state to have three daughters with two-year-old records averaging over 22 lbs. butter. Strictly speaking, she is not a state champion, having made her record in New York state, but Missouri deserves some credit as her present home.

Mr. Lindsey writes that he has only one grade now in his herd, and that as she is the best grade he ever saw, she is going to stay. Her picture and that of the state champion are published herewith.

Mr. Lindsey's herd is headed by Spring Farm Pontiac Cornucopia 5th, who is sired by a $15,000 son of the first 44-lb. cow, K. P. Pontiac Lass. His dam, Spring Farm America Pontiac, has a record of 34.56 lbs. butter in seven days, which gives him an average for his two nearest dams of 39.37 lbs. He is undoubtedly one of the best, if not the best, bred bull in the state of Missouri.

Mr. Lindsey writes, "I am located here on a 365 acre farm with my Holsteins, and have quite a field to work in as they practically have the Holstein fever here, and I have the only registered herd in the county. I want to get as many to take the World as I can. I am for the World first and always."

THREE ABOVE 20,000 LBS.

Following is an extract from a letter written by R. R. Graves of the United States Department of Agriculture, to J. M. Hackney of St. Paul.

"I was very much surprised and very sorry also, to hear of your loss of King Segis Pontiac Superior. I should like to know the results of the post mortem. If his death was caused by a nail or wire or any similar substance, I think you will be somewhat interested in the system now in use at the U. S. Naval Academy Dairy, where all grain feeds are run over a magnet to take out foreign substances. I think that we will install a similar apparatus at our farms. It is surprising to see the amount of tin, pieces of bolts, nails and so on that is taken out of grain feeds by this machine at the Naval Academy.

I think that you will be pleased to know that Watson Segis Pontiac Homestead completed her yearly record a few days ago, with a production of 20,353 lbs. of milk and 670 lbs. fat. These are not the official figures of the Holstein-Friesian Association, but will not vary a great deal from the figures that they will give, I think. This heifer freshened at the age of 2 years 1 month.

Mercedes Laura Ollie freshened as a senior two-year old, and will complete her record the first of June with a production that will be very close to 20,000 lbs. of milk and something over 630 lbs. of butterfat. This heifer would have gone well over 20,000 lbs. of milk had she not had an attack of indigestion or compaction, in January. Lone Star Pontiac Segis 2d has completed her yearly record with a production of some 530 lbs. fat.

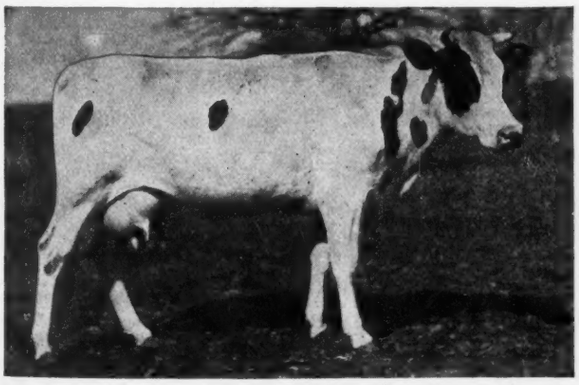
With your daughter of this sire that recently completed a record of nearly 23,000 lbs. of milk, Piebe Laura Ollie Homestead King will have three daughters that have made 20,000 lbs. of milk as two year olds, providing, of course, that Mercedes Laura Ollie makes her 20,000 lbs. I have been expecting to look it up and see if any other bull has three two year old daughters that have records of 20,000 lbs. of milk, but I have not yet had the opportunity to do so."

It is no trouble at all for us to think of another sire that has three daughters with two year old records above 20,000 lbs. milk in a year. This other sire, is, of course, Mr. Hackney's other herd sire, King Segis Pontiac Count, whose daughters, Jewel Pontiac Segis, Beauty Beets Walker Segis and Johanna Deen Segis Pontiac, all have milk records above 21,000 lbs. in a year as two year olds.

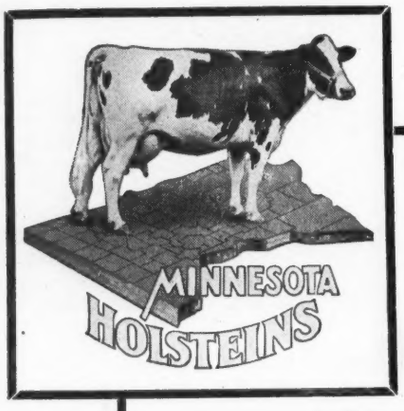
These two sires, King Segis Pontiac Count and Piebe Laura Ollie Homestead King, are the only two of whom this statement can be made, and both are owned by Mr. Hackney.

Watson Segis Pontiac Homestead, Mr. Graves' heifer, referred to above is a daughter of Piebe Laura Ollie Homestead King out of a daughter of King Segis Pontiac Count, Watson

(Continued on page 90.)



SNOWBALL TOPSY DE KOL AAGGIE
A Missouri Champion.



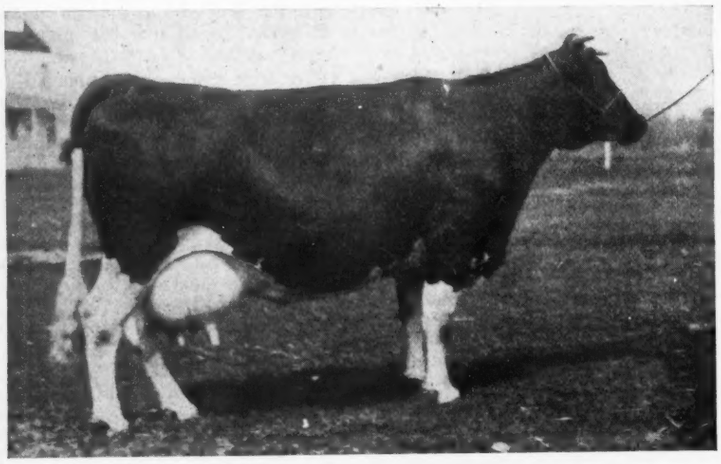
E. C. SCHROEDER FARMS'

TO

MINNESOTA HOLSTEIN BREEDERS'

A Daughter of
Sir Pietertje Ormsby Mercedes

Moorhead, Minn.



This is the first time that the pub-
portunity to purchase a 30-lb. or
Sir Peitertje Ormsby Mercedes
ters we have consigned to this sale
vidual daughters and it may be safely
individuals never stepped into a

EVERY ANIMAL IN THIS
SOLD SUBJECT TO 60-

Daughter of Sir Korndyke Bess

JENNY WREN PIETERTJE

Now on test and going 30-lb. rate. Famous show heifer. Several full sisters in the herd. All noted show ring winners.

PIETERTJE HOMESTEAD ORMSBY 2d

A two-year-old weighing over 1600. Fresh before the sale. Her dam made 30.77 lbs. on half an udder. She is a daughter of Sir Pietertje Ormsby Mercedes and from a maternal sister to Spring Brook Bess Burke.

THE E. C. SCHROEDER FARMS

Moorhead is located on the main lines of the Northern Pacific and
Chicago, Twin Cities and

CONSIGNMENT

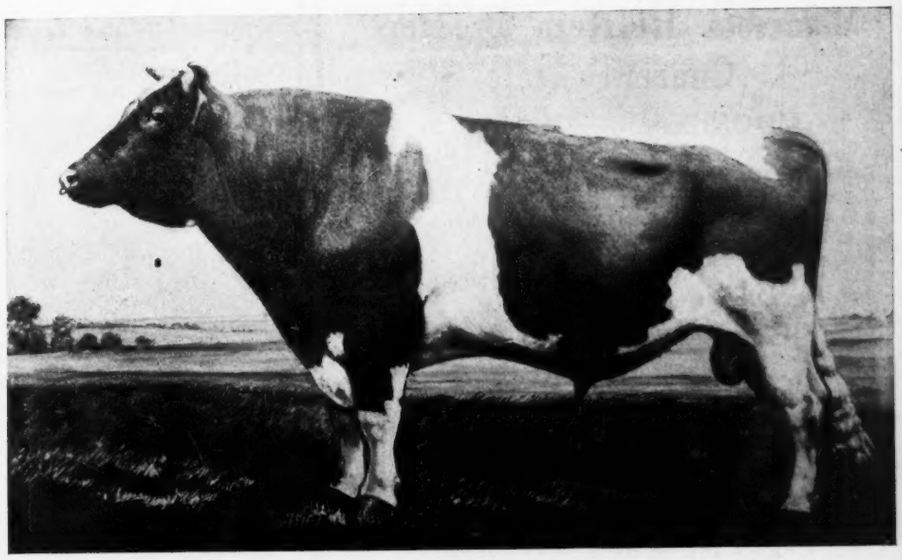
THE

GUARANTY SALE

June 12th

lic has ever had an op-
1000-lb, daughter of
at auction. The daugh-
are two of his best indi-
be said that two greater
sale ring.

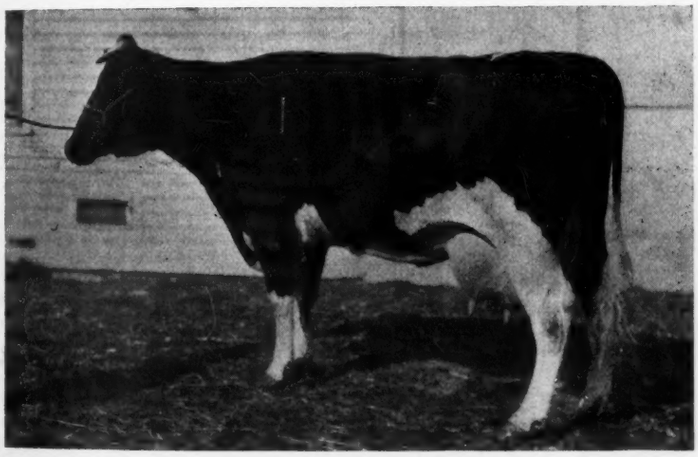
SALE WILL BE
DAY RETEST



SIR PIETERTJE ORMSBY MERCEDES

THE GREATEST sire of show ring winners and yearly producers in the world. Eight daughters have made above 1000 lbs. in a year. Two have made over 40 lbs. and eleven above 30.

Daughter of Sir Pietertje Ormsby Mercedes



COLANTHA PIETERTJE LASS

Butter 365 days at 4y 4m	1023.68
Butter 365 days at 3y 1m	942.30
Butter 7 days at 6 years	32.41
Butter 7 days at 4y 4m	31.99

FIRST PRIZE WINNER AT FIVE STATE FAIRS

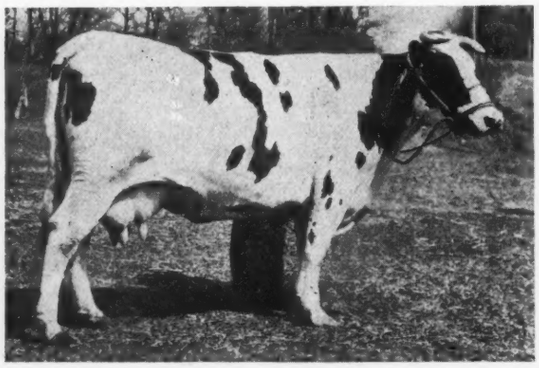
Moorhead, Minnesota

Great Northern Railroads. Direct train service from the Pacific Coast

MY CONSIGNMENT TO THE

Minnesota Holstein Breeders' Guaranty Sale

MOORHEAD — JUNE 12th



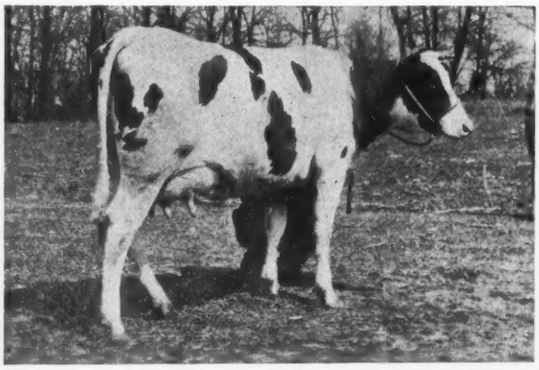
JOHANNA HOMESTEAD PAULINE

Butter 7 days 20.81
Milk 483.40

A wonderful individual and capable of a much better record. She will freshen in September to the service of CHAMPION VALE, a son of Vickery Vale with a yearly record of 937 lbs. butter. She has a daughter with 1225 lbs.

She is sired by a three-fourths brother to Jessie Fobes Bessie Homestead (34.95 lbs.) and Lady Oak Fobes De Kol (36.44 lbs.). Her dam is an A. R. O. daughter of Johanna Paul Sarcastic Lad.

AND HER DAUGHTER



JOHANNA FOBES CANARY HOMESTEAD

A show heifer with a future. At last freshening she made over 12 lbs. as a junior two-year-old, a record that in no way indicates her quality. She is bred to MARATHON ORMSBY, one of the greatest yearly record sires in the world. His dam is Queen Piebe Ormsby Mercedes, 35 lbs. in 7 days and 1136 lbs. in a year. Over 3900 lbs. in 4 years. She is by Sir Pietertje Ormsby Mercedes and from a 30-lb. four-year-old. MARATHON'S sire is the well known son of Queen Piebe Mercedes, the world's champion junior four-year-old with 30,230.2 lbs. milk and 1,389.45 lbs. butter.

ALSO A SPLENDID BULL CALF

from Johanna Fobes Canary Homestead and sired by CHAMPION VALE. A showy individual and one that will increase in value.

M. C. KRONEMAN

FERGUS FALLS Minnesota

MAKING SALES AT 53 CENTS PER WORD

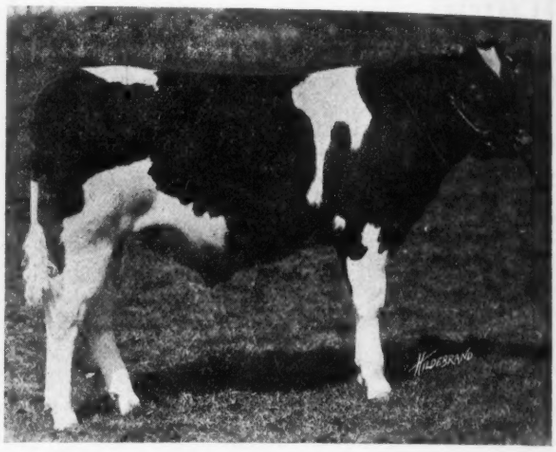
Senor Enrique Matte of Santiago, Chile, has just purchased a bull, Major Rag Apple, from the Pine Grove Farms, Elma, N. Y.

No letters passed between the parties, all being done by cablegram at a cost of fifty-three cents per word, including salutations and signatures. The correspondence probably established a world's record for brevity in Holstein transactions.

Major Rag Apple, as his picture shows, is a very handsome, deep-bodied bull, straight on the back and a remarkably handsome animal.

His sire is Rag Apple Korndyke 8th who now has 47 A. R. O. daughters, two above the 40-lb. mark and twenty-six others over 20 lb. Only two of his daughters have been tested as full aged cows and their records average over 38 lb.

The dam is Fairview Jessie Korndyke, 30.9 lb. butter,



MAJOR RAG APPLE

said to be the handsomest daughter of the great Pontiac Korndyke.

The combination of blood lines in the pedigree of Major Rag Apple is responsible for some of the best daughters of Rag Apple Korndyke 8th. The senior three-year-old champion, Rag Apple Korndyke Pontiac, 42.42 lb. is a three-fourths sister to him and other three-fourths sisters include four 30-lb. four-year-olds.

Our South American friends are alive to the good qualities of Holsteins. Senor Matte has imported a number of good record females and high class bulls into Chile. He has now purchased a bull of superb individuality and splendid breeding and readers of the World are sure to wish him the top pinnacle of success.

G. H. Truckell.

OFFICIAL TESTING IN WASHINGTON

Summary of the official testing done in the state of Washington, sent to us by H. N. Colman, superintendent of official testing, presents several facts of interest. The report covers tests of four dairy breeds,—Holstein, Jersey, Guernsey and Ayrshire.

In the monthly report the leader is Matador Segis Pauline Jennie, a Holstein owned by Carnation Farms, who produced during the month of February, 87.019 lb. fat. Second high is the Jersey, Poppy's Koffee Rosaire, owned by R. I. Tanner, with 71.62 lb. fat, or close to 20 lb. butter behind the leading Holstein. The best 7-day record among the Holsteins is that of Aaggie Netherland Abbekerk, owned by J. Von Herberg, Seattle, Wash., who produced 734.4 lb. milk containing 27.288 lb. butter fat in a week. The other breeds have no seven-day records reported. In the 365-day division again, the Holstein leads for butter fat production, as well as for milk. Four Holsteins are ahead of the best Jersey for milk production, and as for butter fat production, the Holsteins rank first, third, fourth and fifth. The highest Holstein is Ann Lunde 4th., owned by Nathan Hamilton, of Chehalis, Wash., who made a record of 609.548 lb. butter fat from 16928.1 lb. milk. Second place is held by the Jersey, Golden Louise Lois, owned by T. S. Grittith, with a record of 5600.6 lb. fat from 10848.7 lbs. milk.

The report shows two new Holstein breeders taking up testing or renewing test work. They are E. A. Holcomb, Snohomish and Ed. Hoem, of the same place.

Consigned by O. J. GROVER to

MINNESOTA STATE BREEDERS GUARANTEE SALE

JUNE 12, 1919

To be held at the E. C. Schroeder Farms

Moorhead, Minnesota

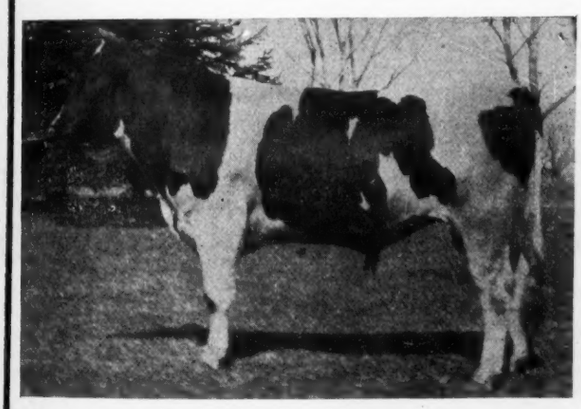
RUBY KAREN MERCEDES, No. 329932, Jr. 4-yr.-old Champion of Minnesota
Sire—Sir Pietertje Ormsby Mercedes 14th. Dam—Johnston Lincoln Karen

This young cow is certainly a wonderful producer with three good records to her credit, and only 4 years of age. We believe this record has never been equalled by any other cow of her age. She was champion yearling at the North Dak. state fair in 1916. Her records show her productive ability.

Butter 7 days (4y 1m 27d) 35.03
Milk 525.00

Butter 7 days (24m) 20.01
Milk 416.20
Butter 30 days 80.95
Milk 1740.80

Butter 7d (2y 11m) 29.68
Milk 567.10
Butter 1 year 879.80
Milk 18324.10



King Ormsby Korndyke Ornetta, No. 207512

Dam—Ruby Karen Mercedes.

Butter 7 days 35.03
Milk 525.00

Sire is by a son of Miss Korndyke Maid Ormsby.

Butter 7 days 30.747
Milk 580.400
Butter 1 year 1255.620
Milk 25418.300

Elma Dinah Bess Korndyke, No. 299361

Butter 7 days (3y 5m) 20.02
Milk 458.70

And whose dam and sire's dam have records averaging

Butter 7 days 30.64
Milk 766.80
Butter 30 days 125.22
Milk 3219.00
Butter 1 yr. 1012.85
Milk 25665.00

Her dam and dam's three sisters each have records of over 700 lb. in 7 days.

SIR PIETERTJE ORMSBY MERCEDES 14th

SIR PIETERTJE ORMSBY MERCEDES 14th

The Greatest Transmitting Show Sire
In the World

TO BE SOLD AT THE

MINNESOTA HOLSTEIN BREEDERS GUARANTY SALE

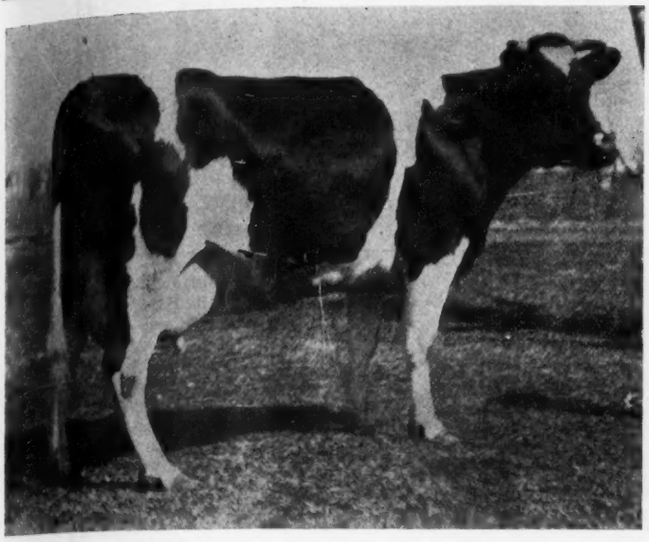
JUNE 12th

at Moorhead, Minnesota

MANKATO HOLSTEIN FARM

MARLOW & RANDALL
Proprietors

and HIS TWO WONDERFUL DAUGHTERS



RUBY KAREN MERCEDES

One of His Outstanding Daughters

Minnesota State Champion

Butter 7 days at 4 yrs.	35.03
Butter 7 days at 2 yrs.	29.68
Butter 7 days at 24 mos.	20.01
Butter 365 days at 2 yrs.	880.00
Milk 365 days at 2 yrs.	18,324.00

No heifer in the world has ever made an equal record for the age.

Remember no bull of the breed has more 1000-lb. sisters than SIR P. O. M. 14th.

He has 7 with yearly records that average over 1200 lbs. butter and 25,000 lbs. milk. His sisters have made 22 records averaging over 1000 lbs. butter in a year at an average age of three years.

21 average over 800 lbs. butter in one year.

He is a brother to Queen Piebe Mercedes, World's Record 4-year-old with 30,230 lbs. milk and 1389 lbs. butter in one year. Two sisters have above 40 lbs. in 7 days, one a Junior 4-year-old; and 11 above 30 lbs.

No other family of sisters in the world can even approach this record!

His sister, Bonnie Ormsby Lass has been a persistent grand champion winner, including Grand Champion at the World's Fair, San Francisco, in 1915. Thus combining the strongest blood lines in both long and short-time records and in show ring qualities.

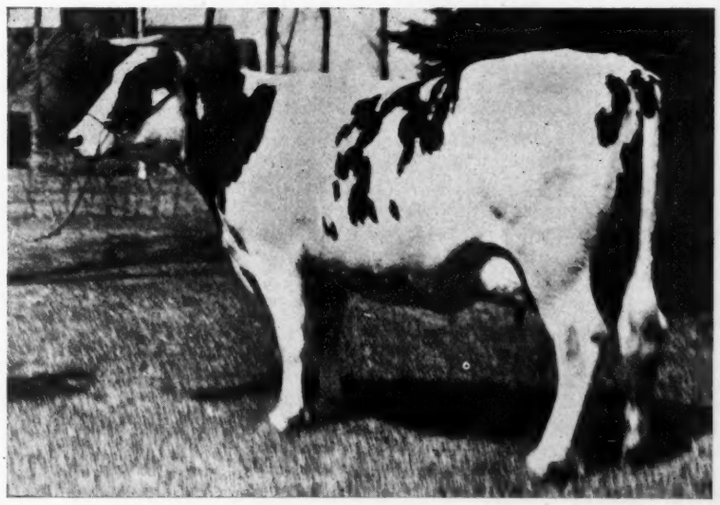
This 2750-lb. show bull made a sensation around the circuit in 1917. To see him is to want him. He is a 1919 Grand Champion Winner. When you see him, you will say so.

Another Great Daughter

SUSIE COLANTHA PONTIAC BEETS

Butter 7 days at 24 mos.	18.13
Butter 365 days at 2 yrs.	785.00

A better prospect for a large record never lived.



MANKATO - - - - Minnesota

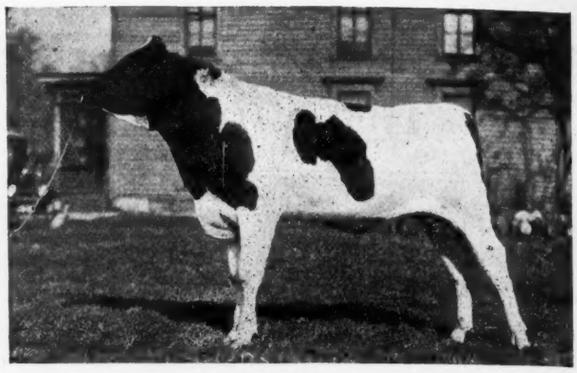
(Continued from page 83.)
Segis Pontiac, who has just made a 31 lb. record at Bell Farms, in Pennsylvania. The Hackney heifer referred to by Mr. Graves, as a third daughter of the Piebe bull to have a 20,000 lb. record, is Veeman Grace Piebe, with a senior two year old record of 22983.3 lbs. milk, containing 879.66 lbs. butter.

These two Hackney sires are certainly getting a great list of long distance producing daughters.

REX WANDERBELLE ORMSBY JANE

Widely advertised as the World's Highest Record Bull in Service," Rex Wanderbelle Ormsby Jane presents a combination of breeding type and all 'round quality that puts him among the present day sires of the very first rank.

His sire, Ormsby Jane King, is a son of Ormsby Jane Segis Aaggie (46.33 lb.) As you know, this "great white heifer" was the first 44 lb. heifer, and is the only cow with two records above 40 lb. She still holds the world's record for her class in the 30 day division for milk as well as for butter, and her butter records at 4½ years old for 60, 90 and 100 days stand as world's records over all ages and breeds. These facts are all well known to the Holstein public. The sire of Ormsby Jane King is a grandson of the first 34 lb. cow.



REX WANDERBELLE ORMSBY JANE
"Highest record bull in service." Owned by Dold Bros., Alden, N. Y.

Rex Wanderbelle Ormsby Jane is out of another "great white heifer", Wandermeere Belle Hengerveld, who for a time was world's champion in the junior four year old class, with a production of 42.65 lb. butter in 7 days. All followers of the Public Sale will remember her as the highest priced dairy cow ever sold at auction, bringing $18,200 at the Worcester Sale in 1917.

Consider for a moment the averages of the records of the two nearest dams of Rex Wanderbelle Ormsby Jane. They make an imposing showing.

Butter 7 days	44.49
Milk	728.70
Butter 30 days ...	173.87
Milk	2806.65

His owners, Dold Bros., Alden, N. Y., believe that these figures entitle him to his claim as "The World's Highest Record Bull in Service".

It is the plan of Messrs. Dold to make their bull the world's youngest century sire. He will therefore serve as many of the best approved cows as he can safely at the nominal fee of $100. They are advertising him extensively with no little originality, and expect to make him one of the best known sires in service.

NEWS NOTES FROM PABST STOCK FARM

Pabst Clover Blossom that made 30.71 lb. butter in seven days is now nearly five months along on test and going at the rate of 1000 lb. butter in ten months. She is an especially heavy milker, having produced an average of 100 lb. milk a day for eighty days.

Pabst Hengerveld de Freule, a three times 30 lb. cow, is going a 1000 lb. butter in 10 months gait and is safe in calf to Creator.

Many of the choicest cows in the Pabst Stock Farm herd are now safe in calf to this noted son of Sir Pietertje Ormsby Mercedes and Spring Brook Bess Burke 2d.

Champion Dora Korndyke's daughter that has a 22 lb. junior two year old record is now on the third month and last month produced 97 lb. butter and 2252.5 lb. milk.

There are eighteen cows now on long time test at the Pabst Stock Farm and there will be forty in all before July 1st.

Always remember this Lionel, that you will get more invitations to eat if you look prosperous than you will if you look broke.

We Are Sending Our Very Best

TO

Minnesota's Greatest Holstein Sale

MOORHEAD, MINN., J UNE 12th

MERCEDES ORMSBY STEINKAMP—A magnificent 30-lb. cow and granddaughter of MINNESOTA'S FIRST WORLD'S CHAMPION MERCEDES JULIP'S PIETERTJE, 29.3 lbs. butter. She is the dam of the famous Milk and Butter King and the grandam of THE GREAT KING SEGIS. Will be bred to KING SEGIS PONTIAC COUNT, ARDEN FARMS PREMIER SIRE.

PAULINE HENGERVELD ORMSBY, a royally bred young cow 28.5 lbs. Sire, Sir Beets De Kol Ormsby. Dam, Pauline Hengerveld Ormsby, 18.98 lbs. She is on long time test and rolling up a big record. One of her daughters as senior yearling made 15.04 lbs. She is also entered in the sale.

Duchess Rokna Soldene, 26.9 lbs. A splendid individual, 6 years old. Also on long time test and a persistent milker.

CROWN HOUWTJE BUTTER BOY, 214105. Sire, Crown Butter Boy Pontiac. Dam, Concordia Houwtje Sunlight De Kol, butter 31.7, milk 654.1. A 2-year-old bull of splendid lineage.

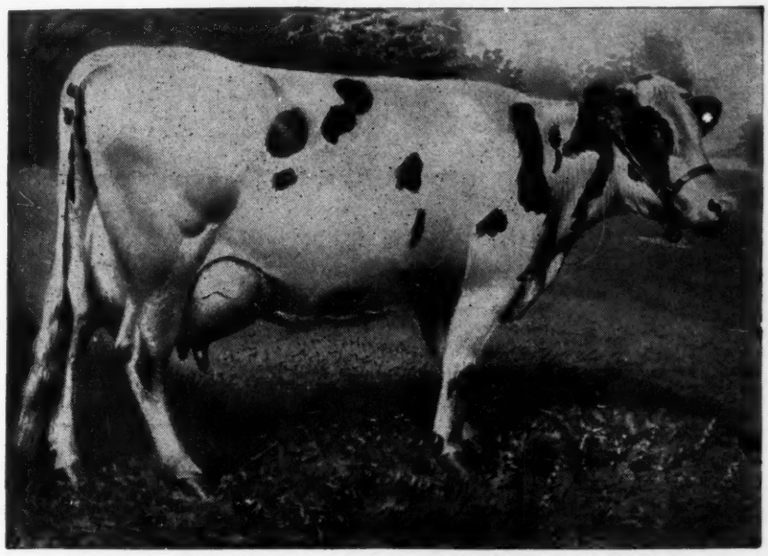
Also a yearling son of MERCEDES ORMSBY STEINKAMP, butter, 30.25.

PAYNESVILLE STOCK FARM

Paynesville, Minn. **The Home of Good Holsteins**

THE NORTH ★ STAR HERD

Individuality **Production** **Breeding**



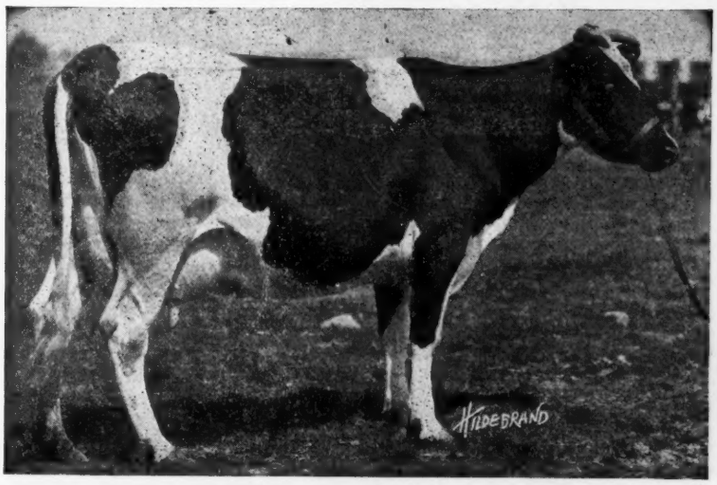
JOHANNA BONHEUR---Dam of our Senior Sire

"I regard Johanna Bonheur as one of the half dozen outstanding cows produced in the last quarter of a century."—W. S. Moscrip.

A son of Johanna Bonheur is at the head of the North Star herd. He sired Johanna Bonheur Champion 2d, first prize senior and grand champion at the last National Dairy Show. In crossing daughters of Johanna Bonheur Champion on Bessie Fobes Oak Homestead, we have a combination of the blood that has produced not only the first 50-lb. cow but also animals that have been consistent winners in the show ring. The cross is a perfect combination of individuality, production and breeding.

WE HAVE AT THE HEAD OF OUR HERD THESE TWO GREAT SIRES.

JOHANNA BONHEUR CHAMPION---BESSIE FOBES OAK HOMESTEAD



KAYEWOOD JOYCE KORNDYKE. Butter 39.13

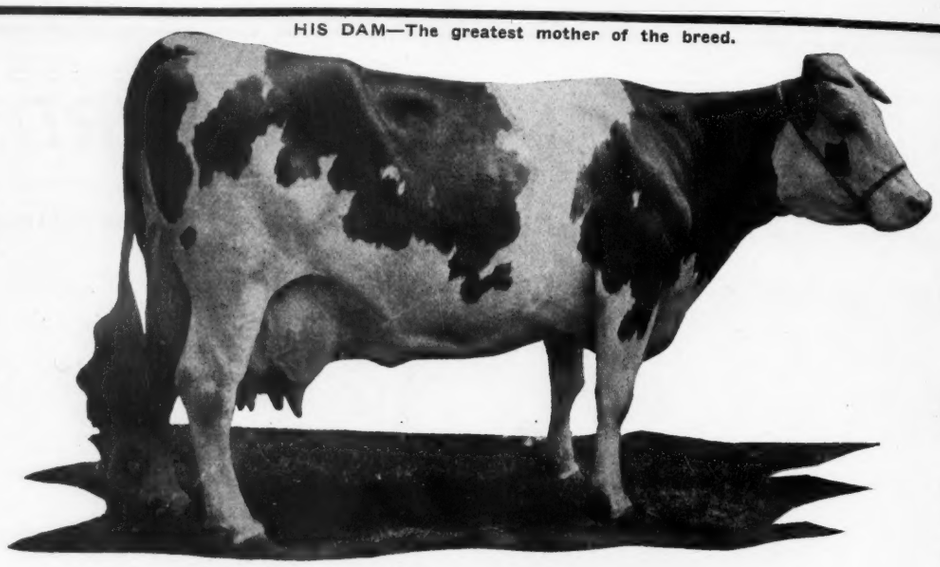
Kayewood Joyce Korndyke was sold from our herd and has since become champion of the state of Pennsylvania with her record of 39.13 lbs. butter.

We have at the present time a very desirable son of this cow, ready for immediate service, and priced at a modest figure for a bull of his individual merit and high record backing.

Do not overlook the fact that the North Star herd is under both State and Federal supervision and is on the accredited herd list. It is free from tuberculosis.

W. S. Moscrip Herd under State and Federal Supervision and on the Accredited List **Lake Elmo, Minn.**

HIS DAM—The greatest mother of the breed.



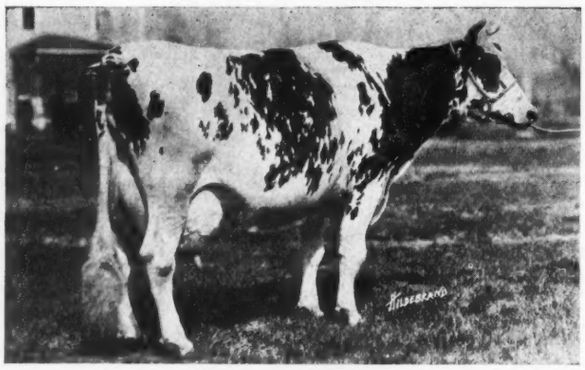
Sir Pietertje Ormsby Mercedes 41st

SPRING BROOK BESS BURKE

Butter 7 days at 7 years	34.80
Milk	630.80
Butter 365 days at 9 years	1094.16
Milk	25,227.10

The only cow in the world with three daughters 1100 lbs. in a year or 33 lbs. in 7 days.

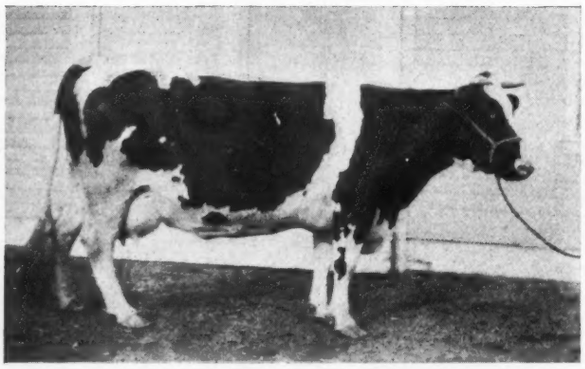
HIS FULL SISTER



BESS BURKE ORMSBY

Butter 7 days	42.31
Butter 365 days	1164.14
Milk	26,044.70

HIS FULL SISTER



BESS PIETERTJE ORMSBY MERCEDES

Butter 7 days	33.22
Milk	787.40
Butter 365 days	1235.33
Milk	29,053.20

MINNESOTA HOLSTEIN

MOORHEAD

A WONDERFUL

His first daughters to freshen have made records nothing short of sensational. Two have made over 27 lbs. as two-year-olds. Another over 28 as a junior three, milking over 90 lbs. per day.

MINNESOTA HOLSTEINS

WHEN YOU SEE "41st" you will like him. He is one of those large, showy individuals that win in the show ring—"41st" has been there, too.

WHEN YOU SEE HIS DAUGHTERS you will realize that he is a wonderful sire—27-lb. two-year-olds of real show type.

WHEN YOU SEE HIS DAM, full sisters, three-quarters sisters and half sisters you will marvel at the combination of blood which he carries.

HIS SIRE STANDS UNDISPUTED as the greatest yearly record sire of all breeds and the greatest sire of show-ring winners.

EIGHT OF HIS DAUGHTERS have made yearly records from 1000 to 1390 lbs. in a year, six of them heifers. His daughters have made twenty-two records averaging above 1000 lbs. butter and 20,000 lbs. milk at an average age of three years.

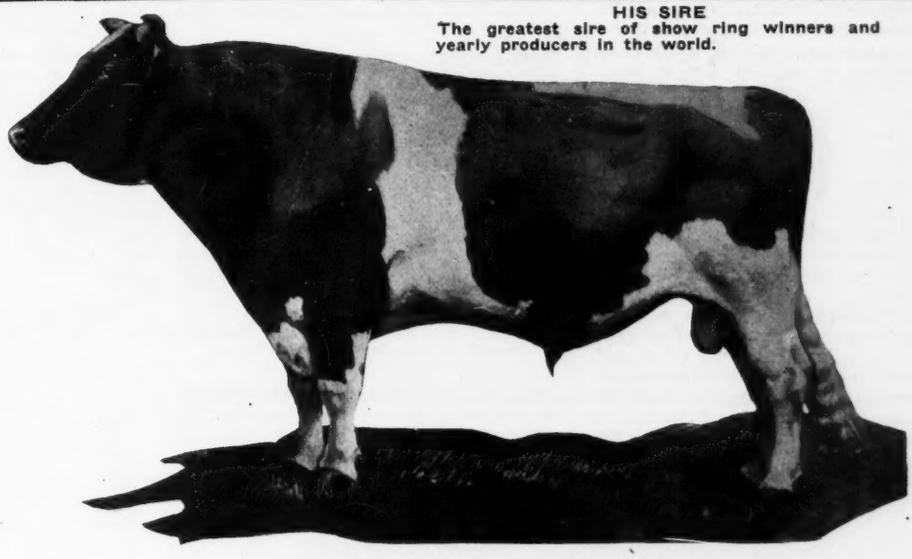
PIETERTJE MAID ORMSBY, the dam of Sir Pietertje Ormsby Mercedes, may rightfully be called one of the greatest of the foundation cows. In 1911 she held the world's 30-day record with 145.66 lbs. In seven days she produced 35.56 lbs.

SPRING BROOK BESS BURKE, the dam of "41st" is the "Greatest Mother of the Breed"—a fitting title for that grand old cow.

Come to Moorhead on June 12th and

M. L. ENRIGHT

HIS SIRE
The greatest sire of show ring winners and yearly producers in the world.



SIR PIETERTJE ORMSBY MERCEDES
Eight daughters above 1000 lbs. in a year. Two daughters above 40 lbs. in 7 days. Twelve daughters above 30 lbs. in 7 days.

"The Richest Bred Yearly Record Bull In the World"

WILL BE SOLD

AT THE

BREEDERS' GUARANTY SALE

JUNE 12th

PRODUCING SIRE

Still another has made over 20 lbs. as a yearling. There are forty more of his daughters to freshen and every one an outstanding individual.

MINNESOTA HOLSTEINS

AS A NINE YEAR OLD, milking only on three quarters, she produced 1,094 lbs. butter and over 25,000 lbs. milk for the year. As a ten-year-old she made 997 lbs. She has made four seven-day records averaging above 30 lbs. butter and 637 lbs. milk, the highest being 34.80 lbs.

NO COW OF ANY BREED has ever equalled the showing of Spring Brook Bess Burke through her daughters—

THREE HAVE MADE YEARLY records of 1164, 1235 and 1290 lbs. and seven-day records of 33, 38 and 42 lbs.

BESS BURKE ORMSBY, full sister to "41st" has made over 42 lbs. in 7 days and 1164 lbs. for the year.

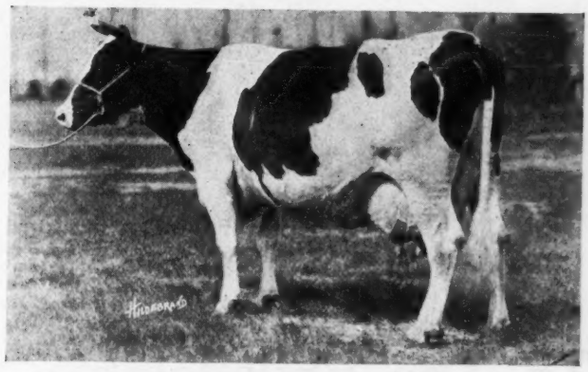
ANOTHER FULL SISTER, Bess Pietertje Ormsby Mercedes, has 33 lbs. butter and 787.4 lbs. milk in 7 days, and a yearly record of 1235 lbs. butter and 29,053 lbs. milk.

PICTURE IN YOUR MIND just what you have in "4st"—1, a grand individual; 2, a proven sire; 3, the greatest producing sire in the world, for his sire; 4, the "Greatest Mother of the Breed" for his dam, and—5, more 1000-lb. sisters than any other bull in the world.

See 100 of His Closest Relatives

East Grand Forks, Minn.

HIS MATERNAL SISTER

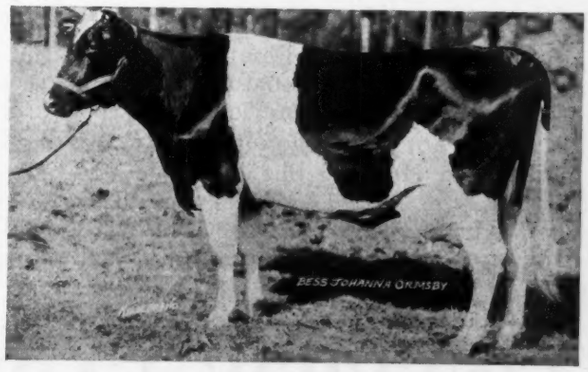


SPRING BROOK BESS BURKE 2d

Butter 7 days	38.22
Milk	792.30
Butter 365 days	1290.93
Milk	24,918.10

(Largest dairy cow in the world)

HIS THREE-FOURTHS SISTER



BESS JOHANNA ORMSBY

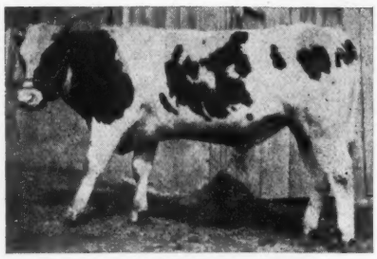
Butter 7 days at 4y 0m	40.78
Milk	659.60
Butter 7 days at 2y 6m	25.90
Butter 365 days	881.19

SON OF THE STATE CHAMPION

Elsewhere in this issue appears the advertisement of Mr. Ray Meeker of Muncie, Ind., describing a bull calf that he has for sale—a son of Michigan's champion milk producer, Pontiac Virginia. This great cow has records as follows:

Butter 7 days 30.14
Milk 796
Butter 30 days 127.83
Milk 3316
Best day's milk ... 118
Semi-official record
Butter 365 days ... 977.7
Milk 24242

This youngster is just over a year old, and besides having such a great producing dam, he comes of a well-balanced line of ancestry throughout, tracing directly to Hengerveld De Kol and Colantha Johanna Lad, two of our greatest century sires, also to the first 30 lb cow, Sadie Vale Cornucopia, and to the first 35 lb cow, Colantha 4th's



SON OF PONTIAC VIRGINIA
Owned by Ray Meeker, Munice, Ind.

Johanna, to Duchess Ormsby, foundation cow of one of the greatest families of the breed, and to De Kol Burke, one of the breed's greatest sires.

Mr. Meeker's bull comes from a herd that is on the Federal Accredited List, and looks like a good buying proposition for some one needing a herd sire.

THE KING'S VERY LATEST

It might be of interest to the readers of your valuable paper to see in print the very last "get" of King of the Pontiacs, and for this reason we are sending you herewith a photograph of heifer Winterthur Finale King Pontiac.

This spry youngster is out of a 22.50 lb. three-year-old granddaughter of both Johanna King Segis and King Segis Pontiac Alcartra.

WINTERTHUR FINALE KING PONTIAC
Last daughter of King of the Pontiacs.

While it is generally conceded that the offsprings of the elder elements of animal life are apt to be imperfect, results do not always bear out this conception; for instance, the very last offsprings of King of the Pontiacs (13 years old when he died) possess outstanding individuality and vigor that would compare very favorably with his offspring of ten years ago.

Winterthur Farms.

FOND DU LAC HOLSTEINS DELIVER THE GOODS

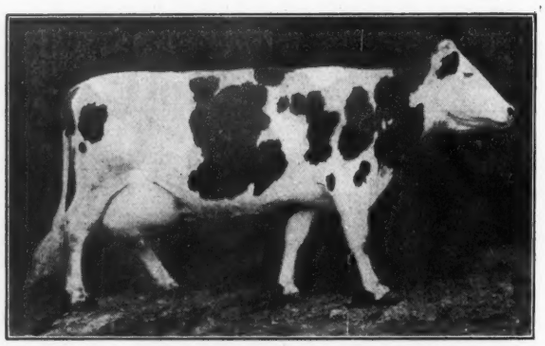
There's a bunch of dairy farmers out in the town of Byron, Fond du Lac County, Wis., who are convinced that the Holsteins are the cows that deliver the goods under farm conditions. They know. They belong to a cow testing association and have records now covering a period of some three years. And the Holsteins are gaining on their competitors.

The records for the month of April show that 91 cows owned by members of this association produced forty pounds of butter fat or over. Sixty-seven of these, almost seventy-five per cent, were Holsteins. Twenty-seven were registered and forty were grades. A grade Holstein owned by Benj. Kindscheel, produced 81 pounds of butter fat or more than one hundred pounds of butter during the month and headed the list. She did the trick on 1762 pounds of 4.6 per cent milk. A registered Holstein owned by A. E. Tulledge, drew second place with 70.3 pounds of butter fat produced from 2199 pounds of 3.2 per cent milk.

The twenty-seven registered Holsteins, produced an average of 49.5 pounds of butter fat, while the forty grade Holsteins produced an average of 49.2 pounds of butter fat.

E. M. Jenison.

Fond du Lac, Wis.



MANOR STAR QUEEN 3d, 100186

Butter 7 days 33.60
Butter 14 days 66.01
Butter 1 year ..... 1087.
Milk 1 year ..... 24551.

To The Philadelphia Sale

I am consigning a daughter of the above cow sired by a son of Rag Apple Korndyke 8th and safe in calf to King Korndyke Winona. A son of Korndyke Winona, 42.16 butter, 756.80 milk.

Also a granddaughter of the above cow from her 25.40 lb. 3-year-old daughter and sired by Fairview Korndyke Lad 2d.

A maternal brother to Pontiac Korndyke Het Loo, the sire of the $12,750 heifer sold at the Milwaukee sale. She is also bred to King Korndyke Winona.

Last but not least a 27.33-lb. 4-year-old sister of Pontiac Korndyke Het Loo. She is from Jewel Prize 4th, 25.01 at 3½ years and sired by King Segis Pontiac Duplicate, a son of King Segis Pontiac from a 22-lb. 2-year-old daughter of King of the Pontiacs. Individually great. Has milked over 100 lb. daily.

Look us up at the sale.

FINEVIEW FARM

R. M. THOMPSON Heuvelton, N. Y.

Meet Us At The Minnesota Breeders' Sale

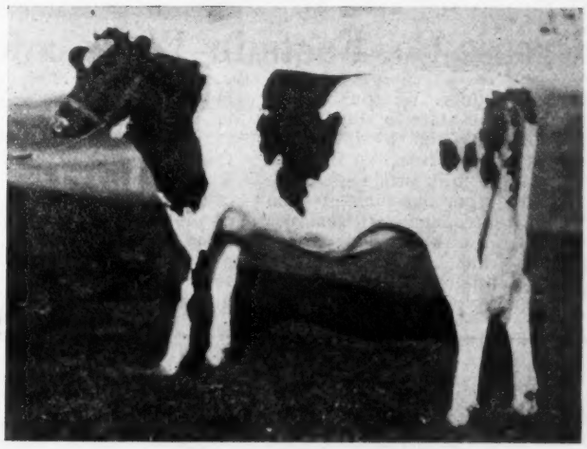
MOORHEAD, MINN., JUNE 12th

Three Ormsbys

One Daughter

and Two Sons of

Sir Ormsby Banostine Champion



Miss Ormsby Zora Johanna

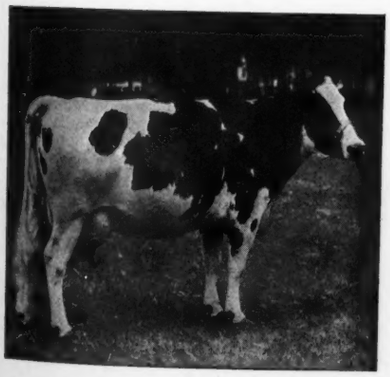
The only son of the **only cow** that has made 1506 lbs. butter in one year.

We are consigning two of the choicest bred Ormsby bulls of the breed and the above beautiful heifer from a daughter of **Sir Pietertje Ormsby Mercedes.**

Two from daughters of the great **Ormsby Mercedes.**

Two from 30-lb. dams with large year records—two nearest dams of each average over 1100 lbs. and 1200 lbs. butter in one year.

Come buy the best and breed them better.



Dutchess Skylark Ormsby

WOODLAKE AND CLOVER FARMS

JOHN B. IRWIN

Minneapolis, Minn.

SIR AALTJE PONTIAC HENGERVELD
At 1 year old. Owned by J. D. McDonald, West Salem, Wis.

RAG APPLE PONTIAC
Owned by Ward Quackenbush, West Salem, Wis.

La Crosse Co. Facts in Black and White

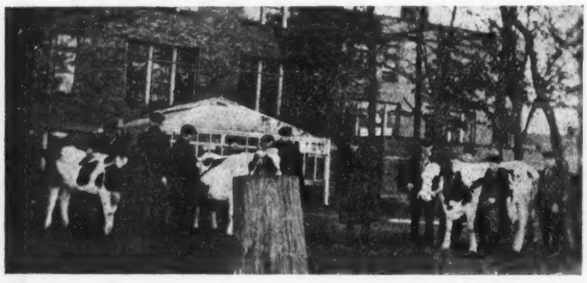
La Crosse County, Wisconsin, like other parts of the state is slowly, but surely being won over to the cause of the Black and Whites. In fact the breeders of large milk producers have even come in from outside of the county and entrenched themselves within the city limits of West Salem; the city which has been the heart of Guernsey interests in Western Wisconsin for thirty years. Ward Quackenbush, J. D. McDonald and J. W. Thomas were the three Jackson county men who have established near the above city within the last eighteen months. The first named has just completed a four thousand dollar barn in which to house his pure bred herd headed by a son of Rag Apple Korndyke out of a thirty pound daughter of the King of the Pontiacs. Mr. McDonald has also made considerable improvements, and has shown that he intends to fortify himself by building two large tile silos and a mammoth sale pavilion. His herd sire is Sir Aaltje Hengerveld Pontiac a two-year-old son of Sir Hengerveld Beets out of a 33.68 pound cow of the Rust Farm breeding, a granddaughter of old Aaltje Salo. However not all of the breeders of La Crosse are from outside of the county, many made a beginning with Holsteins years ago.

One of the first of the pioneer breeders in the county was Alfred Nuttleman, the president of the local breeders' association since its organization. Bostwick Valley is about seven miles from West Salen and the same distance from the city of La Crosse; it was here that Mr. Nuttleman established his herd in one of the most fertile counties of the state and one of more than local admiration. Two of this man's sons are breeding Holsteins in various parts of the county, their policy being to line breed by exchanging herd sires. They have met with remarkable success in this with a family developed around a son of King Pontiac Champion which they purchased about six years ago. But one of Mr. Nuttleman's sons has deserted the Black and Whites for the fawn and white cow.

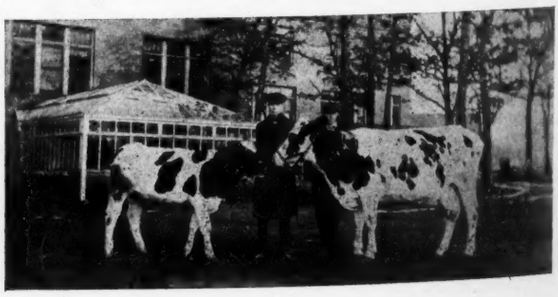
SOME LA CROSSE COUNTY HOLSTEINS

The story of the success of John Vanderploeg in farming with and without Holstein-Friesians, brings out the fact that where a man has a definite purpose in mind, it does not take much capital to build up a prize-winning herd of production cattle. A Hollander by birth, Mr. Vanderploeg early learned the feeding of dairy cattle; from the time of his settlement in this country he met with successful farming experience until ten years ago when he sold out and moved west. In a year or two he moved back east, leaving practically all of his money in the west. Returning to the farm as a renter Mr. Vanderploeg slowly went into pure bred cattle. He had the utmost faith in the effectiveness and absolute necessity of a valuable herd sire, having borrowed every dollar with which to purchase King Pontiac Asia 12th, a twenty-nine pound grandson of the King of the Pontiacs. This purchase developed into a fine twenty-four hundred pound individual that has twice won the grand championship at the Inter State fair at La Crosse. A few years ago this bull was for sale, however when his first daughters came into milk, his owner refused a tempting offer for him. At the present time this herd consists of about forty-five pure breds all of which have been earned and paid for in the last seven years. To say that they have quality is not enough, for they have won the silver cup for the best fitted herd at

(Continued on page 100.)

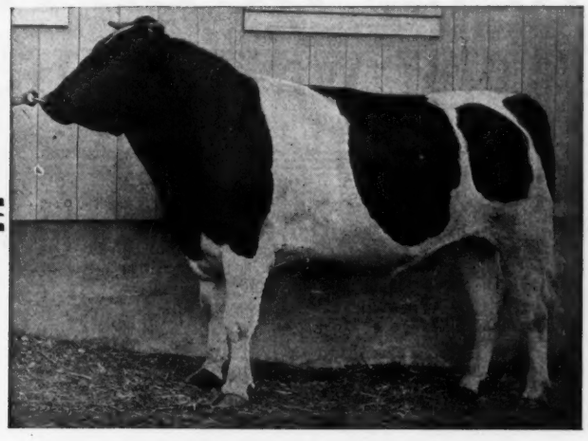


Animal Husbandry Class, La Crosse Co. School of Agriculture



CANARY KISHIE
A. R. O., 20.68. 3 A. R. O. daughters. 4 A. R. O. granddaughters.

Sir Ormsby Beauty Pontiac Segis



HIS DAM BROKE 20 WORLD RECORDS IN TWO YEARS

HE IS A SON OF

BEAUTY GIRL PONTIAC SEGIS

At 3 years—	
Butter 7 days	37.16
Milk	713.5
Butter 30 days	136.17
Milk	2820.00
8 mo. after calving—	
Butter 7 days	20.31
Milk	442.40
Butter 365 days	1112.9
Milk	24924.7

At 2 years—	
Butter 7 days	28.56
Milk	513.3
Butter 30 days	116.69
Milk	2098.8
Butter 60 days	218.3
Milk	4041.9
Butter 90 days	305.13
Milk	5935.1

Sir Ormsby Beauty Pontiac Segis is sired by Sir Ormsby Hengerveld Korndyke, a young son of Sir Korndyke Hengerveld De Kol and Pietertje Maid Ormsby, former world's champion for 30 days and dam of Sir Pietertje Ormsby Mercedes that has more 1000-lb. daughters than any other sire of the breed. Sir Ormsby Hengerveld Korndyke is a young sire in use at Arden Farms where he will have a wonderful opportunity, being crossed on the daughters of the great King Segis Pontiac Count.

Bear in mind that Beauty Girl Pontiac Segis is the highest record daughter of King Segis Pontiac Count whose daughters have broken more than 100 world's records. Not only is she his highest record 3-year-old daughter for milk production, but she is champion over the world in that class. Her production of 24,922 lbs. has never been equalled by any other heifer of her age and her combined production of 1112 lbs. butter from 24,922 lbs. milk is also a world's record for combined production.

Beauty Girl Pontiac Segis is a sister to the only 25,000 2-year-old of the breed and also sister to the only two heifers that are champions for both milk and butter production in the senior 2 and senior 3-year old classes.

A son of so remarkable a heifer sired by a son of Pietertje Maid Ormsby gives Sir Ormsby Beauty Pontiac Segis a combination of the greatest producing long time blood of the breed. He is the senior sire in use at Pinehurst Farms where all of his daughters will be developed as they reach maturity.

Just at the present time we have for sale several choicely bred sons of him from dams that already have splendid records.

PINEHURST FARMS CO. K. L. JUVE, Mgr. Sheboygan Falls, Wis.

A 1040-lb. BULL FROM KING OF
IS CONSIGNED BY WINTERTHUR FARMS, WINTERTH
WINTERTHUR KORNDYKE

Unsurpassed are the combined long and short time records of his dam, grandam and great grandam:

Dam		Grandam		Great Grandam	
BESS JOHANNA ORMSBY		SPRING BROOK BESS BURKE 2d		SPRING BROOK BESS BURKE	
Butter 7d (4y)	40.71	Butter 7d (6y)	38.23	Butter 7d (7y)	34.80
Milk	657.60	Milk	792.30	Milk	630.80
Butter 365d (2y)	881.95	Butter 365d (8y)	1290.00	Butter 365d (9y)	1094.16
Milk	17800.10	Milk	24918.00	Milk	25227.10

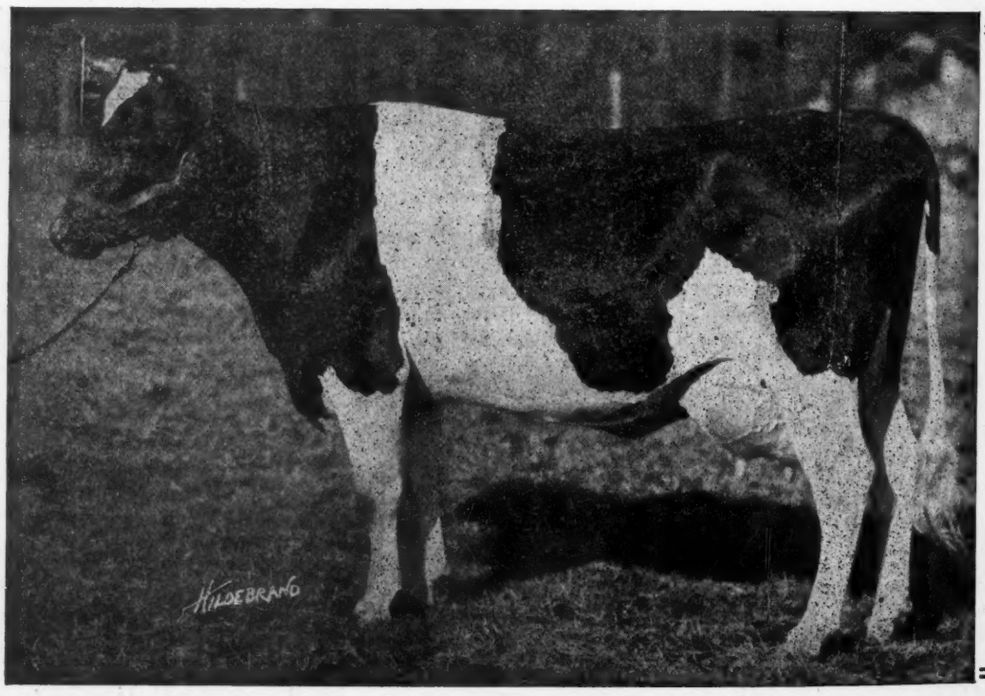
His 7 nearest dams have 7-day records averaging 35.83 lbs. of butter (World's record average) and 635.00 lbs. of milk. His 7 nearest dams have yearly records averaging 1040.98 lbs. of butter and 21,978.80 lbs. of milk.

His dam is a 40-lb. daughter of Sir Pietertje Ormsby Mercedes and is continuing the high standard of the Spring Brook Bess Burke 2d family in her yearly work which began in January.

WINTERTHUR KORNDYKE ORMSBY traces through his sire as well as his dam to Pietertje Maid Ormsby (35.56 lbs.), the only cow with eight 1000-lb. granddaughters. Two of her sons have produced 14 daughters with records from 30 to 42 lbs.; one of these is the sire of Ormsby Korndyke Lad with fourteen 30-lb. daughters, and the other is the noted Sir Pietertje Ormsby Mercedes.

It is only because King of the Ormsbys is a youngster that Winterthur Korndyke Ormsby is being consigned to this sale.

DAM



BORN DECEMBER

BESS JOHANNA ORMSBY

Butter, 7d (2y) [illegible]
Milk 453.0

She has a full sister whose record at 3 yrs. is:

Butter 7d [illegible]
Butter, 365d [illegible]
Milk [illegible]

She has three noted ¾ sisters with the following records:

42.31 lbs. (7d), 1175 lbs. (365d).
35.10 lbs. (7d), 1112 lbs. (365d),
33.23 lbs. (7d), 1235 lbs. (365d).

Another ¾ sister has over 1000 lbs. (240d). She also has four other 30-lb. sisters who have yearly records from 1000 to 1300 lbs.

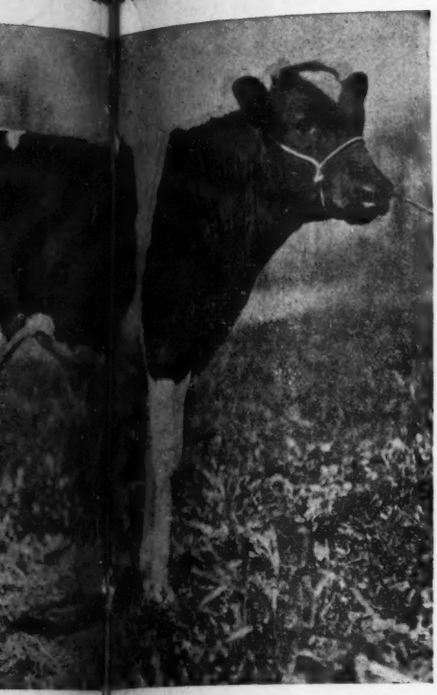
Bess Johanna Ormsby's best day's milk is 101 lbs. Her dam's is 123 lbs., and her grandam's is 101 lbs.

8 1000-LB. YEARLY RECORD DAMS.

THE ORMSBYS' 40-LB. FULL SISTER

TO THE PHILADELPHIA NATIONAL SALE

KING KORNDYKE ORMSBY



Of the highest merit are the combined long and short time records of the dam and grandams of his sire—KING KORNDYKE COLANTHA ORMSBY.

Sire's Dam		Sire's Dam's Dam		Sire's Sire's Dam	
MISS KORNDYKE MAID ORMSBY		PIETERTJE MAID ORMSBY		COLANTHA 4th's JOHANNA	
Butter, 7d	30.75	Butter 7d	35.56	Butter, 7d	35.22
Milk	580.40	Milk	535.40	Milk	651.70
Butter 365d	1255.63	Butter 365d	759.13	Butter, 365d	1247.82
Milk	25418.30	Dam of—		Milk	27432.50
		Sir Piet. Ormsby Mercedes			

COLANTHA 4th's JOHANNA is the only cow that ever held all world's records for milk and butter from one day to one year.

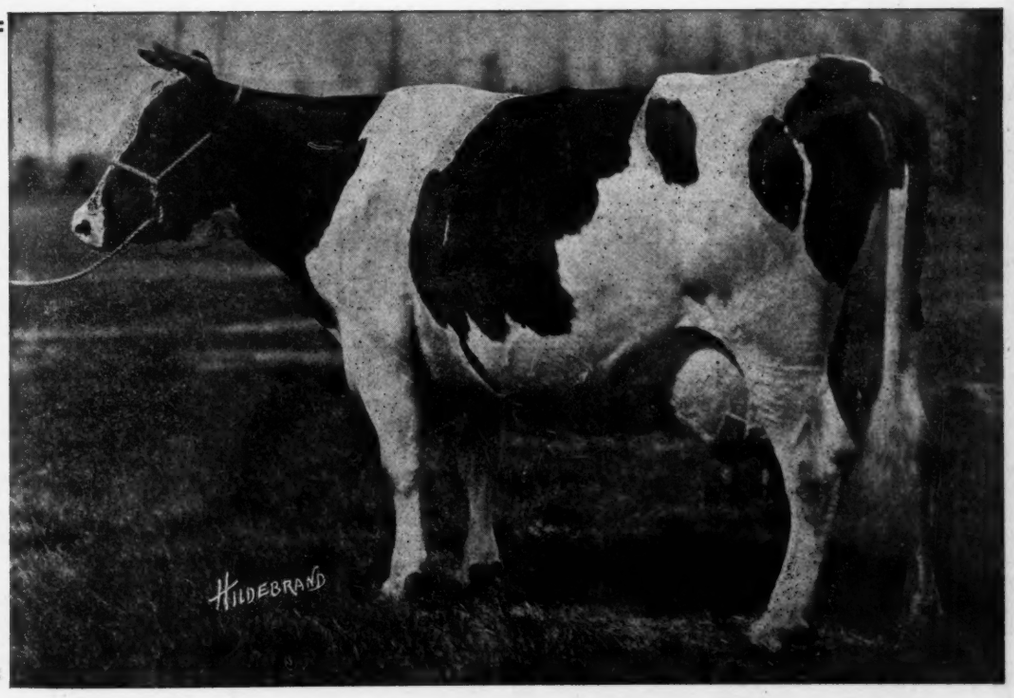
MISS KORNDYKE MAID ORMSBY is a granddaughter of Hengerveld De Kol. She has several 30-lb. sisters. A three-quarter sister just made 39 lbs. of butter (7 days).

KING KORNDYKE COLANTHA ORMSBY'S full sister has just completed a yearly record of approximately 1125 lbs. of butter from 22,000 lbs. of milk, as a four-year-old, after making a 7-day record of 34 lbs.

KING KORNDYKE COLANTHA ORMSBY'S daughters are just beginning to freshen as four-year-olds, and one of them has made 31.22 lbs. of butter (7 days).

It is only because King of the Sadie Vales is a youngster that Winterthur Korndyke Ormsby is being consigned to this sale.

GRANDAM



SPRING BROOK BESS BURKE 2d

is the Word's largest dairy cow, weighing 2225 lbs. No other cow in the world has made three records above 35 lbs. in connection with three yearly records exceeding 1000 lbs. of butter, and two seven-day records above 36 lbs. of butter from 700 lbs. of milk in connection with two 1000-lb. yearly records. Her best yearly record is 1290 lbs. of butter and 24918 lbs. of milk, averaging 4.14 per cent fat.

Spring Brook Bess Burke 2d has five sisters with records from 30 to 42.31 lbs. of butter (7d), and three with records that average 1060 lbs. of butter (365d).

7 30 TO 40-LB. 7-DAY DAMS

(Continued from page 96.)
the Inter State Fair for two years in succession.

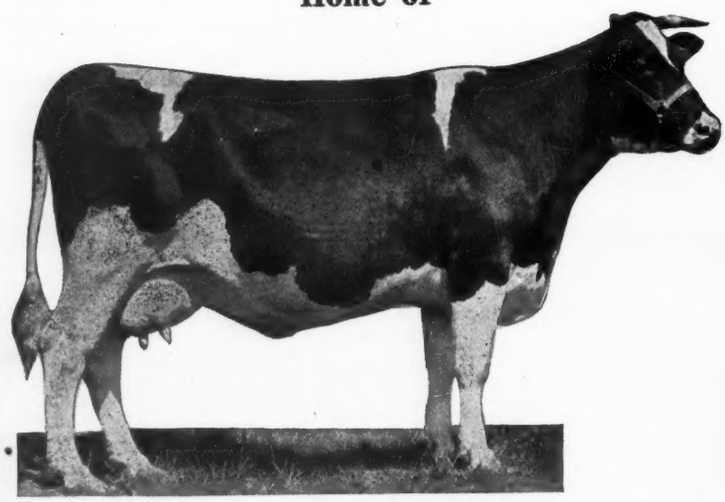
The secretary of the county association, W. E. Spreiter, until taking up his present work as county agent, was connected with the La Crosse County School of Agriculture for eight years. This man in addition to his present campaign for pure-bred sires is a strong advocate of cow testing associations; he has organized three associations since the first of March and has another now well under way. While Mr. Spreiter has been at the school a start in the Holstein breed has been made, as have starts in two other dairy breeds. The pictures show a large cow and her yearling heifer; the former is Canary Kishie with an A. R. O. record of 20.89 pounds at four years and the dam of three sixteen pound two-year-olds. The heifer is sired by Mr. Vanderploeg's bull, King Pontiac Asia 12th. The other cow is Mollie Johanna De Kol with a seventeen pound record made at the school; this cow has just dropped a fine bull by Sir Aaltje Pontiac Hengerveld the 33.68 pound son of Sir Hengerveld Beets owned in the McDonald herd. Kishie is with calf to the service of Rag Apple Pontiac, Mr. Quackenbush's $2500 sire. With this start the school hopes to develop a production herd of Black and Whites that will be worthy of the best the county can do.

G. W. Vergeront

Onalaska, Wis.

Lisle Farms Company

Home of



Het-Loo Pietertje 432508

With her great World's Record at 2 yr., 3 mo., 1 day.

Note the Style Quality and Wonderful Individuality

Butter 7 days	30.32
Butter 30 days	122.07
Butter 60 days	223.25
All Class World's Records	
Milk 7 days	578.00
Milk 30 days	2362.60
Milk 60 days	4561.10

Our Breeding Cows are of this Type and Kind

Every cow has a 7-day or yearly record and most of them have both. Herd is tuberculin tested. Everything sold on a positive guarantee of satisfaction or money refunded.

Write today for Bull Sale List.

Howard Barker, Herd Mgr. Lisle, Ill.

TWO CORRECTIONS

We notice in the World for May 10, two corrections which must be made. The first is in the Picture Gallery. Possibly some of our readers noticed that the picture of Ruby Karen Mercedes, the new state champion of Minnesota, was put opposite the description of Little Gift of Spring Valley, who has just broken the world's record one day's milk production and vice versa. This error you can blame on some one at the print shop, but we are just as sorry for it as if we had done it ourselves.

For the other error, however, we have absolutely no alibi. In referring to the new Iowa state champion, we made the remark that the record of Lady Mutual Friend (41.01 lbs.) exceeded the 40-lb. record of Miss Pietertje Alexina 2d. We momentarily overlooked the fact that Miss Pietertje Alexina 2d had already raised her figures to 42.42 lbs., so that she still is champion of her state.

Hargrove and Arnold, of Norwalk, Iowa, are the owners of both these two remarkable cows, both of whom have year records above 1000 lbs. butterfat.

A GOOD BULL IN CALIFORNIA

We are pleased to publish a photograph of the young sire recently purchased by E. J. Kelleran, Modesto, Cal., from H. E. Cornwell also of Modesto. This bull, Segis Alcartra Spring Brook, is sired by a good son of the $50,000 bull, King Segis Pontiac Alcartra. The dam, Aaggie Spring Brook Floa, has records of over 20 lbs. butter in seven days and 823 lbs. in a year.

SEGIS ALCARTRA SPRING BROOK
Owned by E. J. Kerreran, Modesto, Calif.

She is sired by Aaggie Cornucopia 3d's Lilith. On the sire's side of his pedigree, his eight nearest dams have records averaging over 30 lbs. The sire's dam, Tidy Abbekerk Princess Pauline, is a 30-lb. daughter of the great transmitting sire, Tidy Abbekerk Prince, who ranks with the very best. Such a sire ought to do Mr. Kelleran's herd a lot of good.

ANOTHER FOR K. K. S. V.

The 5th daughter of King Korndyke Sadie Vale to pass the 30-lb. mark is King Korndyke Sadie Vale Veeman Laura, owned by John M. Kelley of Chicago. This great heifer freshening for the second time at three years, two months and twenty days, has made a record of 33.24 lbs. butter, milking over 85 lbs. in a day, and still gaining. Her previous record was 19.54 lbs. butter at twenty-five months old.

She is a daughter of King Korndyke Sadie Vale out of a 21-lb. daughter of Sir Veeman Hengerveld, which makes her at least a three-quarters sister to most of the other good daughters of her sire. She dropped a splendid bull calf by a 31-lb. son of the $50,000 bull.

Now Is the Time! Let's Go!

The Psychological time is here. Shall we have continued prosperity? No question about the answer. Therefore keep industry going. Speed up peace production as we did war work in 1918.

Remember: the manufacturer can not make, nor the merchant sell, unless the public buys.

Buy! Buy now! Take up the slack caused by the stoppage of war activities. Let readjustment pass with least possible hardships. If you buy, somebody sells, somebody produces, and there is work for all.

Continue to do your share. Keep everybody at work. Give the returning fighter his chance.

BUY NOW. Now is the psychological time.

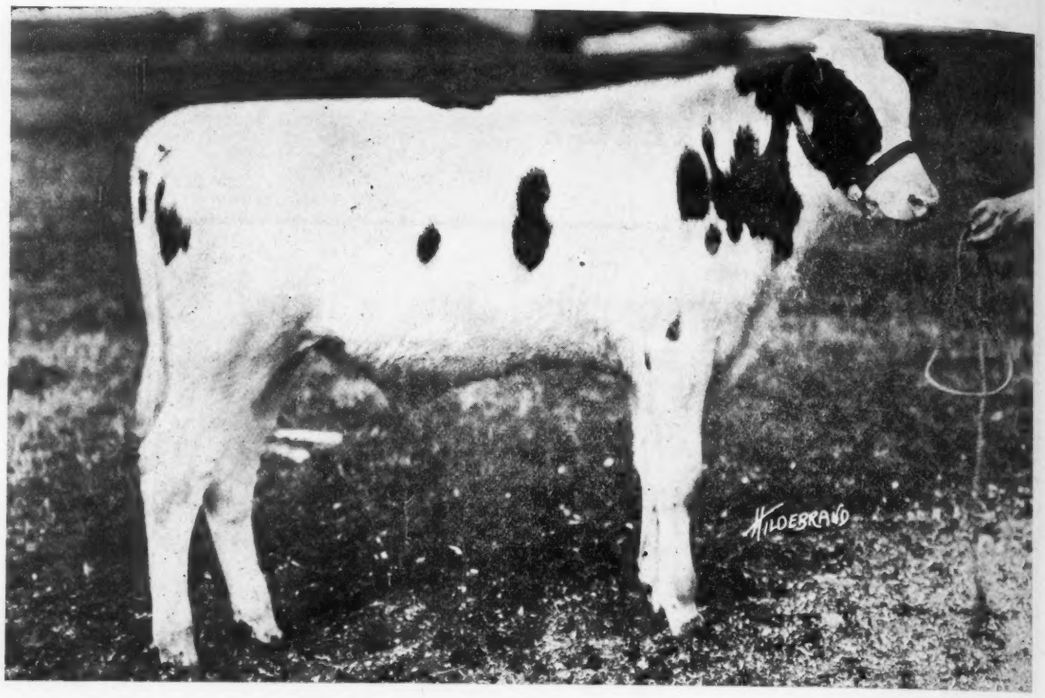
Buy wisely, but—BUY NOW! LET'S GO!

U. S. DEPARTMENT OF LABOR

W. B. WILSON, Secretary

ROGER W. BABSON,
Director General, Information and Education Service

No. 1



JUNIOR SIRE

KING ECHO SYLVIA WALDORF

His Two Nearest Dams Average:

Butter	38.68
Milk	889.00

His Six Nearest Dams Average Over 700-lb. Milk

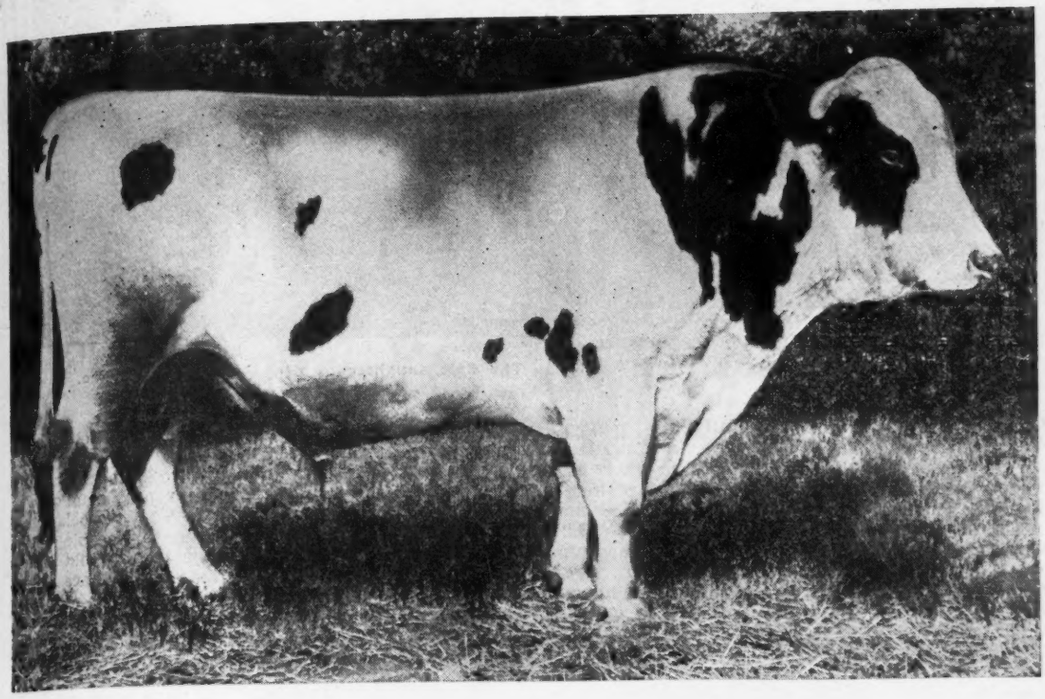
HIS SIRE Champion Echo Sylvia Pontiac whose two nearest dams average 42.60 lbs. butter from 795.9 lbs. milk in 7 days and 170.6 lbs. butter from 3356.7 lbs. milk in 30 days. He is a son of May Echo Sylvia, the only cow in the world with a record of over 1000 lbs. milk in 7 days and holder of all world's milk records from 7 to 100 days. She is the only cow of the breed with four records above 850 lbs. milk in 7 days and two records above 950 lbs. She has five records averaging over 36 lbs. and was the first 700 lb. cow of the breed backed by two generations of 700 lb. dams. She is the dam of Carnation King Sylvia, the only $106,000 bull. Champion Echo Sylvia Pontiac is sired by a son of K P Pontiac Lass, the breed's first 40-lb. cow and holder of all world's butter records from 7 to 100 days when made.

HIS DAM Lady Waldorf Pietje, the cow that has three times made better than 32 lbs., and twice made better than 35 lbs. She has produced over 700 lbs. milk in two different lactation periods. At 3 years she made 32.12 lbs. butter from 600.2 lbs. milk, came back next year as a 4-year-old and made 36.31 lbs. butter from 736.7 lbs. milk in 7 days and 150.86 lbs. butter from 3034.3 lbs. milk in 30 days. Again at 5 years she made 35.39 lbs. butter from 772 lbs. milk. Her three records at the age of three, four and five years average 34.61 lbs. butter from 702.9 lbs. milk. She is a daughter of Prince Hengerveld Pietje with ten 30-lb. daughters and is from Empress Josephine of Brookside with almost 29 lbs. from over 600 lbs. milk.

King Echo Sylvia Waldorf, is one of the most remarkably bred young calves in the world. The average milk production of his two nearest dams is equalled only by his full brother. As will be seen from the above illustration, he is a very beautiful calf and we believe fully qualified to cross with the daughters of King Pontiac Konigen, he having been purchased for that express purpose. This cross will give the Woodlawn Dairy a combination of two of the greatest milk producing families of the breed. A full sister to King Pontiac Konigen made over 825 lbs. milk in 7 days and this average with the backing of King Echo Sylvia Waldorf, cannot be approached by any other herd in the middle west.

WOODLAWN DAIRY

E. W. FROST, Mgr.



KING PONTIAC KONIGEN

SENIOR SIRE

SIRE OF

Lady Netherland Pontiac, 4y 43.59

Mottled Twisk Pontiac Mutual 37.43

His Two 4-Yr-Old Daughters Average Over 40-lb.

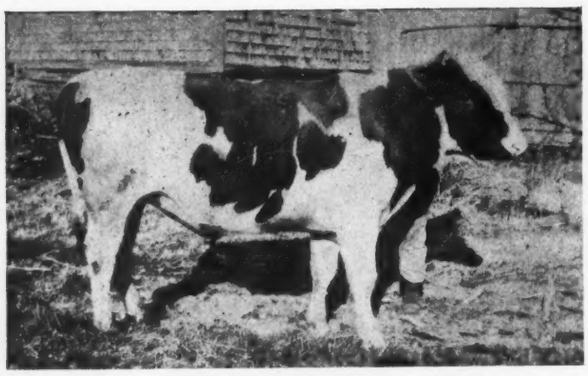
HIS SIRE King of the Pontiacs with 246 A. R. O. daughters—the only sire with three 40-lb. daughters—the only sire with thirty 30-lb. daughters—he has more 40-lb., more 30-lb., more 20-lb. daughters than any other bull that ever lived. He is the only sire with a 40-lb. daughter having a son and sire each with a 40-lb. daughter. In many respects one of the very greatest bulls of the breed.

HIS DAM Diona Konigen Pietertje, 37.44 lbs. butter, 610.4 lbs. milk in 7 days and 154.3 lbs. butter from 2651 lbs. milk in 30 days. She has produced two A. R. O. daughters, they being K P Diona Pietertje, 40.15 lbs. butter from 835.6 lbs. milk (a full sister to K P Konigen) and Diona Konigen Pietertje 2d, 35.94 lbs. butter. She is regarded as one of the greatest foundation cows of the breed, and is one of the very few 37-lb. dams with a 40-lb. daughter. A very beautiful individual and sold in public sale for $6500.

King Pontiac Konigen is the only living sire having two daughters that average over 40 lbs. under full age. He with his sire and grandson constitute the only combination of three direct generations of sires each with a 40-lb. daughter. We can offer a few very choice sons of King Pontiac Konigen for immediate sale.

F. E. WASHBON, Supt.

Lincoln, Nebraska



KING SADIE VALE PAULINE
Owned by Chas. S. Stevens and Harry C. Wyatt, Tilton, N. H.

The first daughter of King Sadie Vale Pauline.

A SADIE VALE SIRE IN NEW HAMPSHIRE

One of the most promising sons of King Korndyke Sadie Vale is King Sadie Vale Pauline, No. 1958381, the two-year-old sire owned by Charles S. Stevens and Harry C. Wyatt, of Tilton, N. H.

King Korndyke Sadie Vale, the sire of this bull, is the only sire to have a 40-lb. daughter, a 40-lb. dam and a 40-lb. sister. He has five daughters with three-year-old records above 31 lbs., averaging around 34 lbs.

The dam, King Sadie Vale Pauline, is a 22 lb. four-year-old daughter of Lilith Pauline De Kol's Count, one of the greatest sires of the breed and a son of the first 28-lb. heifer.

It is interesting to note that the records of the dam and sire's dam of King Sadie Vale Pauline, average 31.21 lbs. butter in seven days, and that the records of his six nearest dams average 30.11 lbs.

We are glad to publish his picture with that of his first daughter in Mr. Stevens' herd.

The heifer's dam is sired by a grandson of King Segis Pontiac and King of the Pontiacs, and she is out of a daughter of Imperial Pontiac Korndyke 9th, who carries a double cross of the blood of the great Pontiac Korndyke.

A GREAT "CANNUCK" IN MINNESOTA

Standing at the head of Hunter Bros.' herd in Northfield, Minn., is King Echo Johanna Sylvia, commonly known to his owners as "Cannuck." He comes of the very best Canadian breeding, being out of the great Avondale cow, Belle Model Pontiac, who has just made the following remarkable record as a junior four-year-old:

Butter 7 days	32.22
Milk	625.5
Butter 30 days	130.69
Milk	2647.8
Best day's milk	101.00

She is a daughter of King Pontiac Artis Canada out of Belle Model Johanna 2d, who has made two records above 37 lbs. Hence she is a maternal sister to that great producer, Belle Model Pietje, a former Canadian Champion and one of the finest cows that ever lived.

The sire of "Cannuck" is Champion Echo Sylvia Pontiac, who is, of course a son of the world's champion milk producer, May Echo Sylvia, sired by a $15,000 son of the first 44-lb. cow. As practically all of his ancestors were developed in Canada, the nickname "Cannuck" is very fitting. It is interesting to note that the records of his four nearest dams average 38.7 lbs. butter from 696.2 lbs. milk in seven days. Concerning his individuality his owners write: "We have never made much noise about him yet, but if it should come to a showdown, we are not afraid to compare him with any bull in Minnesota. A nice straight white two-year-old heifer will freshen next week with her first calf from "Cannuck." You can imagine how anxious we are to have her do well." From the accompanying photograph, it will be seen that Hunter Bros. are not far wrong in their estimate of the individual quality of their bull. The picture was taken at eighteen months' old.

ARMSTRONG CO., PA., BREEDERS ORGANIZE

During the winter a community pure bred livestock association, known as the Indarm Purebred Livestock Breeders' Association, was organized in the vicinity of Idaho, Armstrong County, Pa., the objects being to bring in purebred stock and encourage the purebred business in the community. The Association agreed that Holsteins should be the cattle to be bred.

At present there are 29 members in the Association, with prospects of a good many more. The Association owns two sires, one serviceable age and the other a six months' old calf out of Lilith, Pennsylvania State College's 22,000 lb. cow.

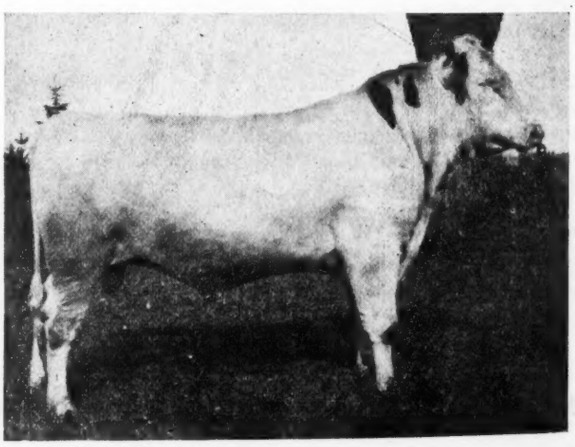
Nine cows, three heifers and two heifer calves have already been purchased by members of this organization. This stock was purchased at the dispersion sale of a herd averaging over 8,000 pounds milk per year under ordinary care. The Association will be in the market for another carload in the near future.

PABST SELLS CALF

Pabst Korndyke Cornflower, consigned by us to the Waukesha sale, went to Zoberlin & Prendville, Plymouth, Wisconsin, for $2425. In our estimation these gentlemen have purchased the choicest bred young bull ever offered at public auction by the Pabst Stock Farm.

His dam, Pabst Cornflower, is one of the best individual daughters of King Pontiac Champion and now holds the Wisconsin state record in the junior four-year-old class for but-

(Continued on page 109.)



KING ECHO JOHANNA SYLVIA
Owned by Hunter Bros., Northfield, Minn.

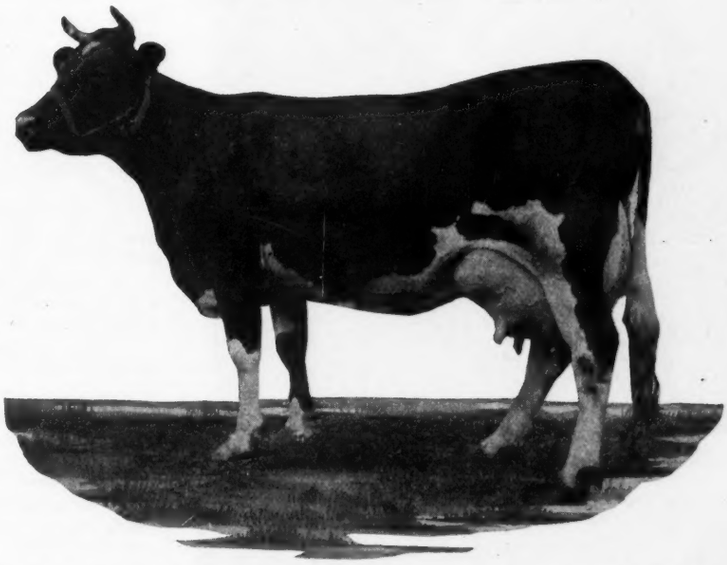
THE MOYER NATIONAL SALE

Philadelphia, Pa. June 5-6-7, '19

TWO HUNDRED "TOPS" OF THE BREED

Consigned by Fifty Breeders In Fourteen States and Canada

The Sale of All Sales



The Sale of the Only 51-lb. Cow

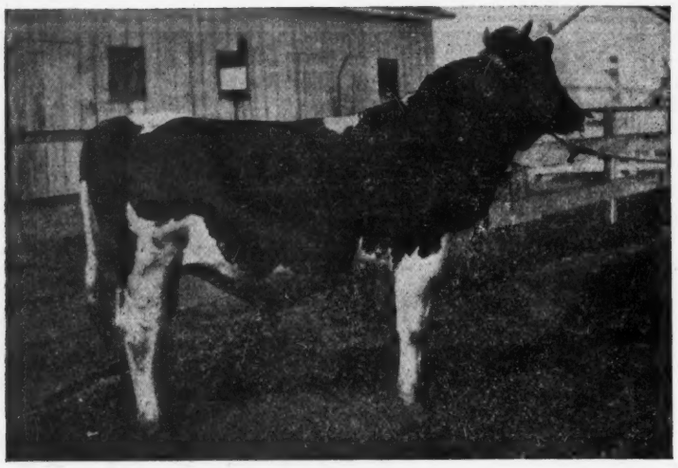
ROLO MERCENA DE KOL—Champion of the World

Sold Under a 60-Day Retest Guarantee FREE FROM TUBERCULOSIS

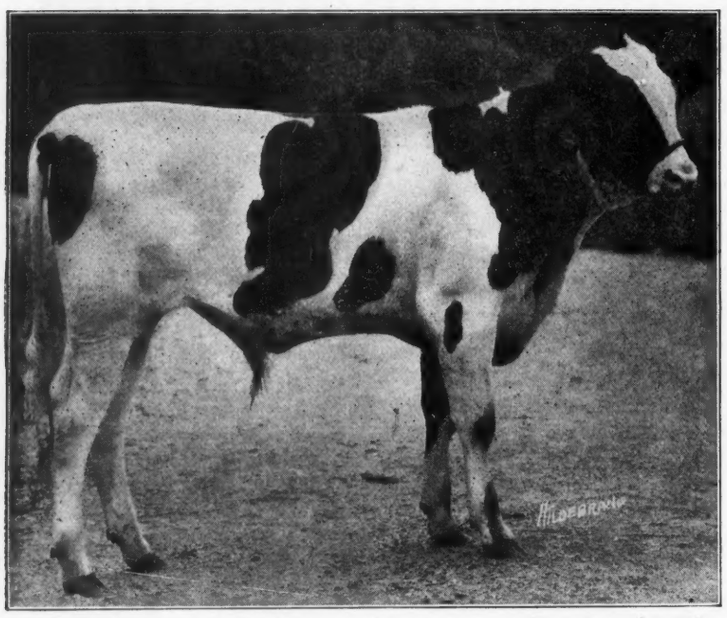
SPECIAL

You will buy absolutely at your own price the life work of A. A. Hartshorn as a Holstein breeder. 40 of his greatest animals will be in this sale—the result of 25 years of one individual breeding his own families for generation after generation. It will contain more two, three and four generations of 30-lb. cows than was ever before offered at one time and place. It will contain the only 30-lb. cow in the world backed by three generations of 30-lb. dams on both sides. The great herd bull, King Echo Sylvia Model, will be sold, together with all of his first crop of calves from these wonderfully bred cows. Think of being able to buy the greater part of the famous Hamilton Farm Herd at your own bid. It is an opportunity absolutely without parallel in the history of public sales. No other herd can show you anything like the number of 30-lb. cows and 30-lb. daughters that are represented in this herd.

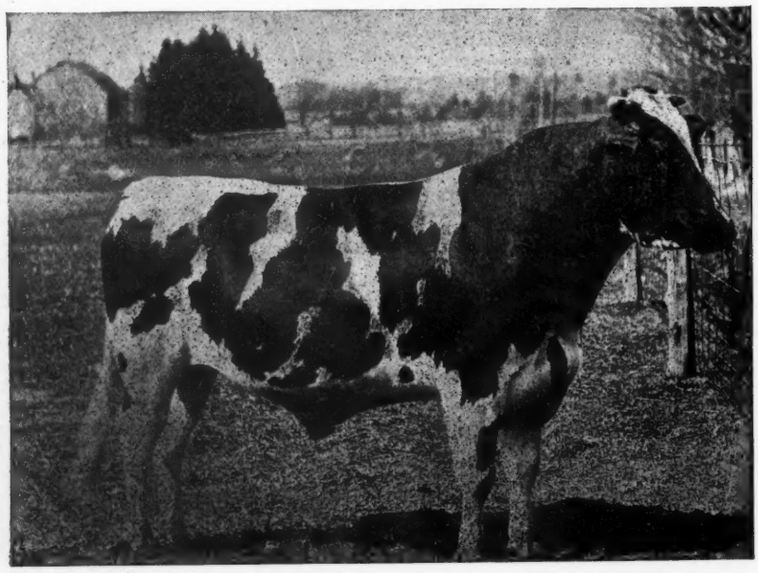
Turn and Read



Sir Aaggie Mead De Kol—To be sold



Carnation Champion—To be sold.



Korndyke Geiske Raymondale—One of the outstanding show bulls to be sold.

NATIONAL

Twin daughters of the 47-lb. sire, Rag Apple Man, from a 30.33-lb. cow with over 620 lb. milk.

Twin daughters of Champion Echo Sylvia Pontiac from a 30-lb. 4-year-old granddaughter of both Pontiac Korndyke and King Segis.

A 27-lb. maternal sister to Pontiac Korndyke Hengerveld Loo in calf to a son of Lady Waldorf Pietje, a 30-lb. 4-year-old.

A son of a 40.50-lb. cow sired by the only century son of King Segis.

A daughter of the great cow, Lenawee Calamity Pet with a record of 32.52 lb. butter from 818 lb. milk.

A 30-lb. 4-year-old daughter of Lakeview Dutchland Artis the 43-lb. former Canadian champion cow.

A son of King of the Pontiacs from a 32.87-lb. dam.

A daughter of the famous Tilly Alcartra, the only 33000-lb. cow and champion over the world for long time production.

A son of King Korndyke Sadie Vale from a 34-lb. daughter of Sir Korndyke Pontiac Artis.

A daughter of King Korndyke Sadie Vale from Woodcrest Dora De Kol, a 35-lb. cow and foundation cow of the Pelletier herd.

A daughter of Rag Apple Korndyke from Pauline Mabel Maid with a record of 32.63-lb. butter from [illegible] lb. milk.

A daughter of King Lyons and Mary Walker Pietertje, a 31-lb. cow from a 32-lb. dam and dam of a 31-lb. daughter.

A daughter of Glen Alex Queen De Kol the world's only 42-lb. two-year-old that sold for $18,000. This heifer is sired by the only full brother to the first 46-lb. cow.

Ladoga Idaline Mercena, a 28.44-lb. Canadian show cow from a 25.42-lb. dam. One of the finest individual cows in the Dominion.

A daughter of Sir Prilly Segis from O K L Tulip a 30-lb. daughter of Ormsby Korndyke Lad. The heifer is also in calf to Ormsby Korndyke Lad.

A son of King Segis Pontiac Alcartra and Sadie Moole a three times 30-lb. cow with her best record of over 32 lb. made at 4 years.

A son of King Valdessa and Finderne Holingera Fayne the world champion 1300-lb. 3-year-old and former world champion in the seven-day division of the same class.

A daughter of King of the Ormsbys, the famous young sire at the head of the Winterthur, Allamuchy and Tranquillity herds.

Three daughters of King Pontiac Hengerveld Fayne, a son of a 47-lb. daughter of the first 50-lb. cow.

A son of Ormsby Korndyke Lad, the bull with more 30-lb. daughters than any other sire of his age, from a dam with a 30-lb. seven-day record made from 661 lb. milk.

A daughter of the $50,000 bull from Segis Betta the best daughter of King Segis and dam of King Lyons.

A daughter of King Valdessa from a 35-lb. granddaughter of King Fayne Segis.

A 33-lb. daughter of Spring Farm King Pontiac together with her daughter.

A 30-lb. 2-year-old granddaughter of Winana King Segis and her son by a 47-lb. sire.

A 29-lb. daughter of King Segis Pontiac Alcartra from a 33-lb. daughter of Alcartra Polkadot.

Three daughters of King Segis Korndyke Champion from a 32-lb. granddaughter of Hengerveld De Kol.

A daughter of King Echo Sylvia Johanna, sire of the $106,000 bull from K K S V Topsy, a 40-lb. 3-year-old daughter of King Korndyke Sadie Vale.

A 32-lb. granddaughter of Pontiac Korndyke, sire of her daughter and granddaughter.

STARS

A daughter of K P Pelham De Kol, a 31-lb. daughter of King of the Pontiacs and full sister to Idleaze Pontiac Lass, a 42-lb. 4-yr-old that sold last June for $[illegible],000.

A daughter of King Korndyke Sadie Vale from Dressie Veeman Duchess, a 33-lb. daughter of the great Sir Veeman Hengerveld.

A daughter of Dutchland Colantha Sir Inka from a [illegible]-lb. daughter of King Aaggie Segis and sister therefore to Fancher Farm Maxie the world champion 46-lb. 4-year-old.

A daughter of Ruby Pietertje Butter Boy 40.25-lb. [illegible] by a son of King Korndyke Sadie Vale.

A daughter of Johanna McKinley Segis from a 29-lb. dam and in calf to Carnation King Sylvia, the [illegible],000 bull.

A son of King Canary Segis from the world champion 31-lb. first calf senior 2-year-old.

A grandson of Pontiac Korndyke Het Loo from the Canadian Champion 33-lb. 3-year-old.

A full brother to King Joh and Uneeda King Alcartra, being by King Segis Pontiac Alcartra from a [illegible]-lb. daughter of a 40-lb. sire.

A grandson of May Echo Sylvia from a 29-lb. 3-year-old daughter of Pontiac Korndyke Het Loo, and sister therefore to the world champion two-year-old that sold for $12,750.

A son of Bess Johanna Ormsby, a 40-lb. 4-year-old daughter of Spring Brook Bess Burke 2d, the only three times 35-lb. cow with three 1000-lb. year records. The seven nearest dams of this calf are all above 30 lb. Four of his nearest dams have over [illegible] lb. butter in a year.

A daughter of King of the Pontiacs from Maple Shell Helen, a 33-lb. cow that sold for $6,100.

A daughter of King Echo Sylvia Johanna from Belle Segis Champion, a 37-lb. granddaughter of King Segis that sold for $5000.

A daughter of Snowball Witra, a 33-lb. granddaughter of De Kol 2d's Butter Boy 3d.

A daughter of King Korndyke Sadie Vale from [illegible] H Daisy a 30.47-lb. daughter of Sir Veeman Hengerveld.

A yearling sister to the world champion 46-lb. 4-yr-old from a 30.16 lb. daughter of Dutchland Colantha Inka.

A daughter of Pauline De Kol Ophelia (44.52-lb. butter from 837 lb. milk) in calf to Ormsby Korndyke Lad. A 32.66-lb. cow with over 750-lb. milk and her two daughters.

Holbon Beauty Bonheur, a 31.40-lb. cow with 638 lb. milk and her two daughters, one with over 31-lb. butter from over 600 lb. milk.

A son of King Korndyke Sadie Vale from Sadie Vale Concordia 4th's Pietje, a 38-lb. daughter of a 41-lb. cow. The thirty day records of the three near dams of this heifer are unsurpassed by any other sire in the world.

A daughter of Manor Star Queen 3d with 33.6-lb. butter from 562 lb. milk in 7 days and 1087 lb. butter from 24,551 lb. milk in a year. She is in calf to a son of a 42-lb. daughter of Pontiac Korndyke.

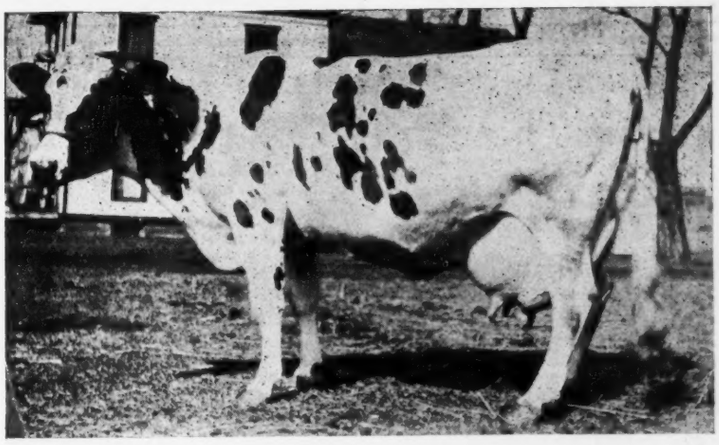
A three times 30-lb. sister to Lady Perfection Korndyke, a 40-lb. cow with a year record of over 1000 lb. butter from 27,000 lb. milk.

Two granddaughters of Tilly Alcartra the world champion and only 33,000-lb. cow from dams with good [illegible] time records.

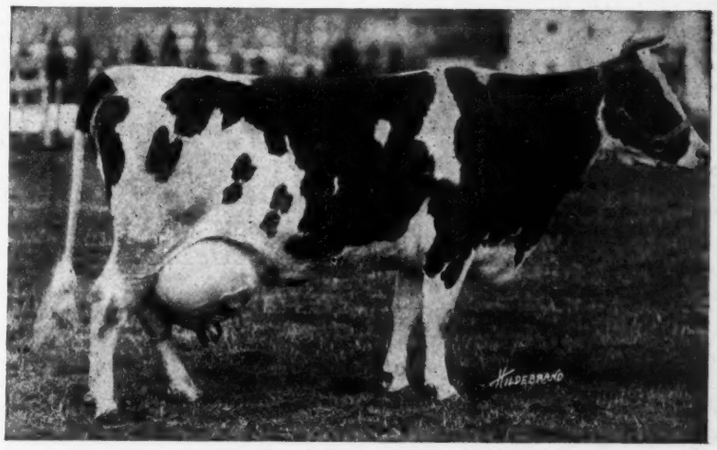
Several daughters of Colantha Johanna Lad 8th, whose daughters are making such sensational records in 2-year-olds.

A heifer with an average of over 30 lb. for her [illegible]-one nearest dams.

A heifer now in calf to a sire that will produce a [illegible] having an average of over 30-lb. for its sixty nearest dams.



Dressie Princess Pontiac—A 33-lb. cow to be sold.



Belle Model Pietje—A 36-lb. cow. Her twin sons to be sold.

K K S V Topsy 3d—A daughter of a 40-lb. 3-year-old to be sold.

Turn Either Page and READ READ READ

These Fifty Great Herds Are Represented:

Abbott & Clark
Allamuchy Farms
Dr. John M. Allen
Carl Amos
John Arfmann
J. C. Blair
H. C. Burgess
Chas. E. Burgess
Carnation Stock Farms
R. E. Chapin & Son
Howard P. Corsa
Wm. Cox
H. F. Dupont
A. T. Fancher
Forsgate Farms
C. W. Garrett
Jas. B. Gargett
J. B. Hanmer
A. C. Hardy
A. A. Hartshorn
Dr. F. A. Heslop
A. C. Howe
Linn Kinne
W. H. Mace
Quentin McAdam Estate
Bernhard Meyer
A. W. Morris & Sons
Oak Park Stock Farm (H. H. Bailey)
Pequest Farm
E. Leroy Pelletier
Pinery Farms
Seth Low Pierrepont
J. W. Prentiss & Son
Purtelle & Leavens
W. D. Robens
Julius Schmid
Sherrick Bros.
Geo. F. Smith
J. W. Stewart
Seth M. Strickland
R. M. Thompson
W. W. Weiman
Mrs. H. D. Weller
Whitcomb & Fisher
R. G. Williams & Sons
W. S Woodcock
Wood, Marshall & Broad

ONE HUNDRED AND THIRTY 30 to 51-LB. COWS

or Sons or Daughters of Such

1 51-Lb. COW

1 Daughter of a 51-Lb. Cow

3 40-Lb. Cows

7 Daughters of 40-Lb. Cows — 6 Sons of 40-Lb. Cows

19 30-Lb. Cows

77 Daughters of 30-Lb. Cows — 22 Sons of 30-Lb. Cows

No Sale in the World Ever Had Such Headliners As These

The only sale in the world where so many animals with such a wealth of breeding were sold under a sixty-day retest for tuberculosis.

The only sale in the world where there was offered a 51-lb. cow or a cow with a record of 200 lb. in 30 days.

The only sale in the world where there was offered a daughter of a 51-lb. cow.

The only sale in the world where there was offered a daughter of TILLY ALCARTRA, the only 33,000-lb. milk cow.

The only sale in the world where there was offered a son of the world champion 42-lb. 2-year-old, sired by a full brother to the first 44-lb. cow.

The only sale in the world where there was offered a bull with an average of over 1100 lb. butter in a year for his seven nearest dams.

The only sale in the world in which there was offered a 30-lb. cow backed by three generations of 30-lb. dams on both sides.

The only sale in the world in which there was offered a female with an average of over 30-lb. for her thirty-one nearest dams.

The only sale in the world where there was offered a son of the only 42-lb. cow with two 42-lb. daughters under full age, sired by the only 40-lb. son of King Segis.

The only sale in the world where there was offered a female with an average of over 31,000 lb. milk for the two nearest dams.

Absolutely the Greatest in the World at Your Own Price

Catalog on application only — *READ THE PRECEDING PAGES*

H. A. MOYER Syracuse, N. Y.

SALE DIRECTOR — KELLEY—HAEGER—PERRY, Auctioneers

S T WOOD, Pedigree

(Continued from page 104.)

ter. She, in turn, is out of Pabst Snowball, considered by many who know the Pabst herd intimately to be one of the best cows in the herd. She is likewise a splendid individual, a great producer as well as a reproducer.

Pabst Korndyke Cornflower's full sister is also a remarkable heifer, having the world's milk record in the eight months after calving division for a junior two year old and keeping fourth highest in butter.

Pabst Korndyke Cornflower will be interchanged with a son out of his full sister now owned by John B. Cain of Glenbeulah. These men have been foresighted enough to purchase bulls that could be used to splendid advantage in line breeding and thereby fixing the splendid characteristics of the noted dams of these two great young bulls.

Pabst Stock Farm.
Oconomowoc, Wis.

DUTCH CORNER MIDGET
A 29-lb. cow owned by Linn Kinne, Utica, N. Y.

THE HARTSHORN CONSIGNMENT

This issue contains the final announcement of the offering from Hamilton Farm to the National Sale in Philadelphia, June 5-6-7. A review of the advertising appearing in this issue shows a consignment the like of which has never before been sent from any herd. When it is considered that of the 40 head entered, all but one have 30-lb. dams or 30-lb. dam's dams, the true merit of the whole lot is best illustrated. The one exception to this statement is herself a 30-lb. cow.

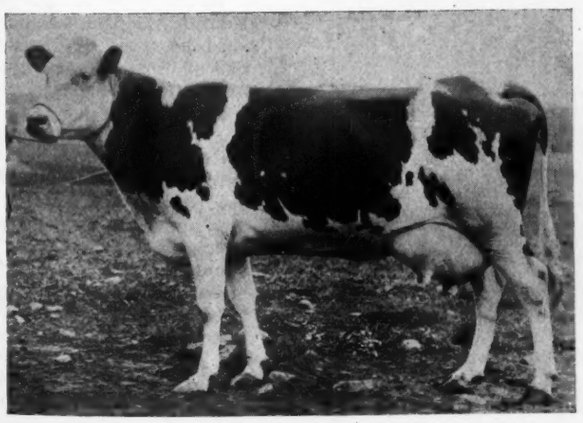
Mr. Hartshorn during his 25 years of breeding Holsteins has been especially fortunate in his operations and has given particular attention to the development of families, so that at the present time he enjoys the distinction of being the only breeder who has developed four families with three generations of 30-lb. cows and the consignment he is sending to Mr. Moyer' sale is very largely descended from these four families. More than 50 per cent of the offering will be backed by three generations of 30-lb. cows on the maternal side. Eighteen animals in the consignment have 30-lb. dams and three of the eighteen are 30-lb. cows while a fourth has 29.89 lbs. and has produced over 105 lbs. milk in a day. The eleven remaining animals of the consignment are backed by two generations of 30-lb. dams, four of the 11 being backed by three generations of 30-lb. dams.

In the consignment is Ruby Walker Pietertje 3d, herself a 30-lb. cow and backed on both sides by three direct generations of 30-lb. cows. With her there will be sold her 2 daughters, so the public will have an opportunity of buying at their own price two heifers having for their four maternal dams four 30-lb. cows.

Another convincing statement is that 7 animals will be sold, all of them backed by four generations of 30-lb. cows and this is still more impressive when it is remembered that there is but one other herd in the world where even one such animal can be found. Of the three 30-lb. cows of the breed backed by three generations of 30-lb. cows on the dam's side, two of them are in the Hamilton Farm herd and will be sold with their daughters and granddaughters.

As an outcross on these wonderful cows, Mr. Hartshorn chose King Echo Sylvia Model whose seven nearest dams have records that average over 35 lbs., while his eleven nearest dams average over 34 lbs. With this bull there will be sold four sons and five daughters—one of the sons is from a 30-lb. daughter of a 32-lb. cow, both having produced over 100 lbs. milk in a day, while another son has twenty-one dams in his pedigree that average over 32 lbs.

In passing it is proper to mention the great heifer, Queen Record, the only heifer of the breed whose thirty-one nearest dams average over 30 lbs. She is now in calf to King Echo Sylvia Model with an average of 35 lbs. for his eleven nearest dams, resulting in an average of considerably over 30 lbs. for the fifty nearest dams of the calf she is now carrying.



DUTCH CORNER CALIOPE
A 28-lb. daughter of Pontiac Korndyke Hengerveld De Kol.

NOTES FROM LEVELACRES

Two good cows that are making large records at Levelacres, Mr. Linn Kinne's farm, are the sisters Dutch Corner Caliope and Dutch Corner Midget. Dutch Corner Midget, who had a 20-lb. junior two-year-old record, has recently raised these figures to 29.73 lbs. butter from 608.5 lbs. milk in seven days, and 117.52 lbs. butter from 2536.9 lbs. milk in thirty days. She is a daughter of Pontiac Korndyke Hengerveld De Kol out of the great 27-lb. cow, Brookside Beauty 2d. Dutch Corner Caliope was one of the 19-lb. two-year-old daughters of Pontiac Korndyke Hengerveld De Kol. Now at four years old, she has just made 28.13 lbs. butter, which puts her up among the best daughters of her great sire. Mr. Kinne has a bull calf from her sired by King Korndyke Sadie Vale Hengerveld.

These two are both daughters of Pontiac Korndyke Hengerveld De Kol, who is a full brother in blood to King of the Pontiacs, and if anything slightly better bred than that remarkable sire. Opportunities considered, he was one of the best sires of the breed with a fine list of daughters headed by a 40-lb. cow. Another of his good daughters is Topsy Korndyke Beets, who has records of 32 lbs. at three years, 31 lbs. at four years and 32½ lbs. at five years, with over 600 lbs. milk each year. She is consigned by Mr. Kinne to the Moyer National sale at Philadelphia.

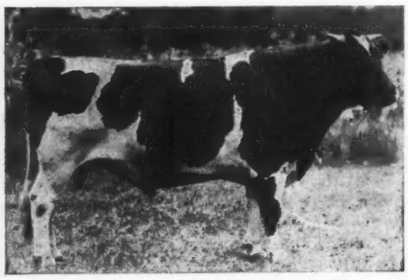
The Chance of a Lifetime

"The Greatest Transmitting Show Sire of the Breed" to Be Sold to the Highest Bidder

Sir Pietertje Ormsby Mercedes 14th, will be sold at the Minnesota State Holstein Breeders' sale, Moorhead, Minnesota, June 12th. He is a most worthy son of that great and noted sire, Sir Pietertje Ormsby Mercedes, known as the Premier sire of show ring winners. For the year 1913-14, he won more Association Prize money through his daughters, than any other sire. He was again winner of the most money on butter production in 1916-17, by the work of his daughters winning second place on combination butter and milk production.

Analysis of the prize list covering the past official year 1917-18, discloses the fact that 589 different sires are represented through the work of their daughters winning Association Prize money. The representation ranges from a single daughter, up to 34, with Sir Pietertje Ormsby Mercedes having 31, making him second highest money-winner for the year.

The analysis also brings out this fact; Sir Pietertje Ormsby Mercedes 14th was the highest winning son of his sire, and together they won second place in competition with 589 other sires, the best of the breed.



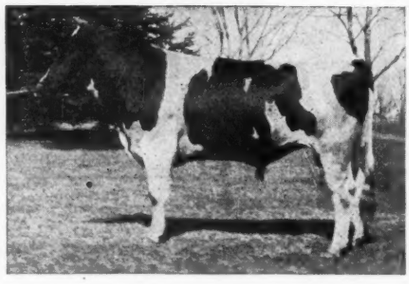
SIR PIETERTJE ORMSBY MERCEDES 14th
"The greatest transmitting show sire of the breed."

Remember no bull of the breed has more 1000 lb. sisters than Sir Pietertje Ormsby Mercedes 14th, eight at this time, and others coming strong. He is a brother to Queen Piebe Mercedes, world's record 4-year-old, with 30,230 lbs. milk and 1389 lbs. butter in one year. He also has seven sisters that average over 1200 lbs. butter and 25,000 lbs. milk in a year.

Two of his sisters have over 40 lbs. butter in seven days, and thirty-one averaged over 800 lbs. in a year, thus combining the strongest blood lines in both long and short time records through his daughters and sisters. A sister, Bonnie Ormsby Lass, has been a persistent Grand Champion winner including Grand Champion at the World's fair, San Francisco, 1915.

His brothers are at the head of some of the best herds in the world, and record prices have been paid for them when mere calves. They are in such herds as—H. F. DuPont, Delaware; Pabst Stock Farms, Wisconsin; J. J. Reid & Son, Wisconsin; John Erickson, Wisconsin; W. J. Gillett & Son, Wisconsin; University of Colorado; University of Nebraska; University of Missouri, while one of his brothers has been retained to head the herd of E. C. Schroeder of Moorhead, Minnesota.

This 2750 pound show bull made a



KING ORMSBY KORNDYKE ORNETTA
Son of the state champion.

sensation around the show circuit in 1917.

Sir Pietertje Ormsby Mercedes 14th has a 29.68-lb. two-year-old daughter. His first three tested two-year-old daughters averaged 22.55 lbs. butter in seven days and his first two yearly tested two-year-old daughters have records of 785 lbs. and 880 lbs. butter in 365 days, averaging over 18,000 lbs. milk.

His state champion junior 4-year-old daughter, Ruby Karen Mercedes, with over 35 lbs. in 7 days, will be sold in the sale. No heifer in the world has ever made an equal record for the age.

Butter 7 days, Jr. 4 yr.	35.00
Butter 7 days, 2 yr., 11 mo.	29.68
Butter 7 days, 24 mo.	20.01
Butter 365 days, 2 yr.	880.00
Milk 365 days, 2 yr.	18324.00

She combines show ring quality with high production, winning first at the North Dakota State fair, another sister won first the same year at Minnesota State fair.

After we purchased Sir P. O. M. 14th, from Mr. Schroeder, he made the statement: "This bull is the best individual son of his noted sire, and the greatest individual we have ever owned. He has been a winner at the

CANARY POLKADOT WISCONSIN LOTTIE
Butter 7 days, 24.44. The nearest relative of Spring Brook Bess Burke 2d.

fairs since he was a calf, having defeated at different times, many First Prize National Dairy Show winners".

A breeder who last year sold twelve head of Holsteins at an average price of $11,083.33 and twenty-six head at an average of $5,990.38, in a letter to a friend, dated April 16, 1919, has this to say about Sir Pietertje Ormsby Mercedes 14th, "I had the pleasure of seeing this bull last week and if the bull has changed any since I saw him two years ago, it has been for the better. He is simply a wonder, and I don't believe there is a bull on four legs today that can beat him in the ring. Prof. Eckles and Prof. Cort were with us when we saw '14th' and both agreed that he was next to impossible to beat."

The breeder, or group of breeders, who buy this great proven show sire, will bring fame to themselves. He is showing wonderful form and ready to step into the show ring right now. He is a 1919 Grand Champion winner. When you see him, you will say so.

We are also consigning to this sale Canary Polkadot Wisconsin Lottie. She is on yearly test and has over 500 lbs. butter in 168 days with nearly 200 days still to go, and should easily make over 1000 lbs. for the year From a sister to that grand old cow, Spring Brook Bess Burke, and three-quarter sister, (the closest living relative) to Spring Brook Bess Burke 2d, weight 2225 pounds largest dairy cow in the world who has three successive

RUBY KAREN MERCEDES
Minnesota State Champion. Consigned to Minnesota sale.

yearly records of from 1000 to 1290 pounds a year.

Marlow & Randall

Mankato, Minn.

HOLSTON SELLS FOUNDATION

When Omer L. Herrick, Berryton, Kansas, decided to start a Holstein herd he went to Charles Holston & Son of Topeka, Kansas, to procure his foundation. Mr. Herrick selected a couple of fine dairy cows backed by a good combination of breeding and both bred to Dutchland Colantha Sir Oliver, the Holstein herd sire. This bull, who already has 4 A. R. O. daughters, and all that have freshened in the Holston herd, is a son of Colantha Johanna Lad, the great century sire, out of daughter of Pietertje Hengerveld's Count De Kol. He is a full brother to Dutchland Colantha Schuilling, a 30 lb. cow, whose daughter has just made a 36 lb. record. His offspring in the Holston herd are every one individually supreme.

Mr. Herrick chose wisely in picking cows in calf by this great sire, and we shall expect to hear from his herd in the future.

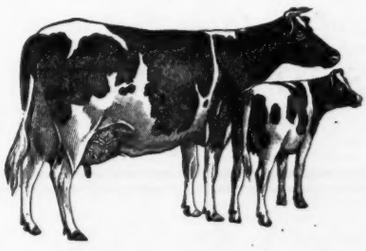
Get Your Grip Packed Now For The Great Philadelphia Convention, June 4th

EVERY Holstein owner and breeder in the country should plan to attend the 34th Annual Meeting of the Holstein-Friesian Association of America at Philadelphia, Wednesday, June 4th—and get ready for it—NOW! It's the biggest and most vital meeting in the history of the breed. Let nothing keep you away! Matters of importance to every Holstein owner will be discussed. You will rub elbows with hundreds of fellow Holstein enthusiasts—the biggest and most progressive members of the biggest and most progressive cattle breeder's association in the world!

Come With The Idea of Being Sociable and Getting Acquainted

It's YOUR chance to get the "other fellow's viewpoint"—to brush up on the latest happenings in the Holstein world—to acquire a new fund of inspiration and enthusiasm for the breed and its accomplishments. You can combine pleasure with business and see the sights of historic Philadelphia—its shops and theatres— its homes and parks.

The meeting will be held at the Bellevue-Stratford, the leading and most conveniently located hotel in the city, and ample arrangements have been made for the accommodation of visiting members. Situated on Broad Street, a few blocks from the station and right in the heart of all things worth while. Train service is unsurpassed—trains run to and from New York every hour. Excellent connections for all other points, north, south, east or west. If you miss this great meeting you will surely regret it. It's none too early to get your ticket and make your reservation today. Do it now.



The Holstein-Friesian Association of America

F. L. HOUGHTON, Secretary

Box 182 Brattleboro, Vt.

HIS DAM

Aralia De Kol Pontiac Mead
Butter 365 days, 2 yr. 932.4

HIS GRANDAM

Aralia De Kol Mead
Butter 1 yr 1215.2

HIS DAM'S GRANDAM

Aralia De Kol
Butter 1 yr. 1142.00

The Richest Bred
Long Distance Bull
of the Breed——

SIR AAGGIE MEAD DE KOL

His Seven Nearest Dams Average Over 1100-Lb. in a Year—Something to Be Said of No Other Bull in the World

HE IS TO BE SOLD IN THE MOYER NATIONAL SALE

HIS SIRE'S DAM

Aaggie Acme of Riverside 2d
Butter 1 yr. 1331.77

Riverside Sadie De Kol Burke
Butter 1 yr. 1085.12

Aaggie Acme of Riverside
Butter 1 yr 1000

Holstein Breeders Should Not Overlook This Opportunity of Securing At Their Own Price the Outstanding Long Distance Bull of the Breed

WHY ARE WE SELLING HIM?

Because we wanted to sell a real top notch animal and in order to do this, we must consign the very best we own.

Because we are using his sire, who is just past 4 years old, also his 7-8 brother.

Because his dam is now carrying her third calf and our chances are good to get a full brother to him.

Because he is the highest yearly record bull in the world and as this is the only true indication of a cow's capacity, he is, ...fore, one of the most valuable animals in the world

Don't overlook the fact that in the pedigree of this calf—every single animal in the first four generations has been owned ...was developed by us—also that every animal in the first three generations was bred and owned by us. We have developed his ancestors for four generations and know just what is to be expected from his offspring. Sir Aaggie Mead De Kol stands ...y as the best representative of a perfect combination of long time records united with the express purpose of producing ...nimal having these qualities so intensified that it is only reasonable to expect him to continue to sire animals with the ...remarkable productive powers. He is alone in his class.

Study Some of the Averages In His Pedigree

	Butter.	Milk.
His 2 nearest dams average	1132.10	21526.2
His 3 nearest dams average	1159.8	22048.
His 4 nearest dams average	1155.43	23546.25
His 5 nearest dams average	1172.8	25055.4
His 6 nearest dams average	1141.53	25183.9
His 7 nearest dams average	1100.	23733.6

We Also Consign

1—Tilly Alcartra 2d, a very handsome 2-year-old daughter of Segis Pontiac De Kol Burke and Tilly Alcartra, the only 33,000-lb. cow and champion long distance cow over all ages and all breeds for milk production. The two nearest dams of this heifer average over 31,000 lbs. milk. She is due to fresh-en with first calf in July to the services of King Aaggie Mead, a full brother to Aaggie Acme of Riverside 2d with a strictly official year record of 1331 lbs. butter in a year. She is a full sister to King Morco Alcartra who is retained for use in our own herd. Never before in the history of the breed has there been offered a daughter of a greater cow than Tilly Alcartra. Individually she is a credit to her breeding and the man who buys her will own one of the very greatest heifers of the Holstein breed.

2—Lady Morco Alcartra, a granddaughter of Tilly Alcartra, sired by King Morco Alcartra whose two nearest dams average over 31,000 lbs. in a year. Her dam is a 29-lb. granddaughter of Alcartra Polkadot Corrector and is from a sister to Tilly Alcartra. The two nearest dams of this heifer average over 35 lbs. butter and her three nearest dams average over 900 lbs. butter in a year. She is bred to Sir Aaggie Mead De Kol, the bull that is consigned to this sale and whose seven nearest dams for yearly production average higher than the seven nearest dams of any other bull in the world.

3—Lady Mead Salambo 2d, granddaughter of Tilly Alcartra, sired by King Morco Alcartra out of Lady Mead Salambo, a daughter of King Mead of Riverside, with a record of 950 lbs. butter in a year and the second dam Pet Salambo of Riverside with over 1000 lbs. The three nearest dams of this heifer average 33.79 lbs. butter in 7 days and 1092 lbs. in a year. She is bred to Sir Aaggie De Kol Acme, a son of Aaggie Acme of Riverside with a strictly official year record of 1331 lbs.

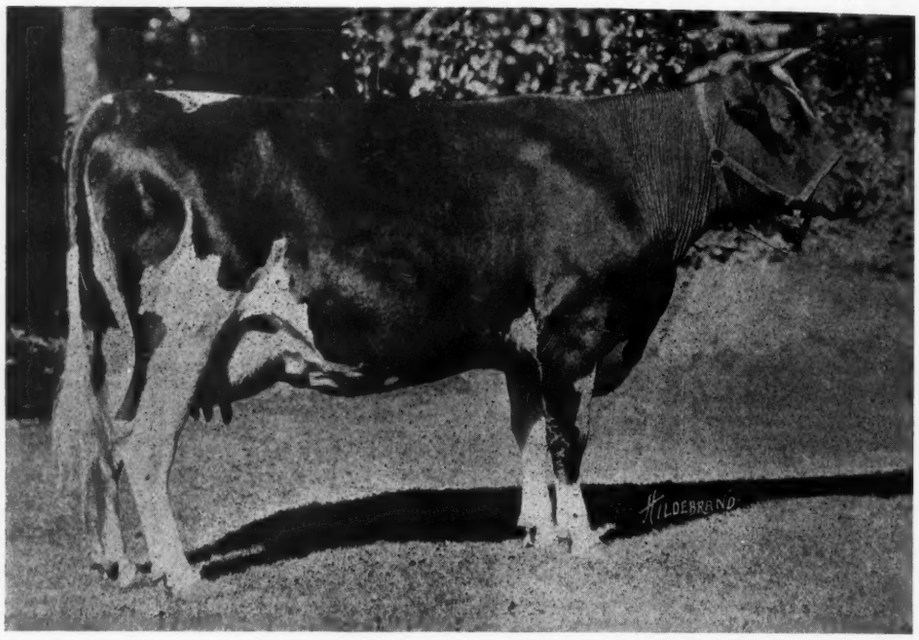
4—K K S V Elzevere Barnum, a 3-year-old daughter of King Korndyke Sadie Vale from Elzevere Barnum De Kol 2d, a 19-lb. 2-yr-old daughter of Sir Sadie Cornucopia from Elzevere Barnum De Kol, a 29-lb. cow.

This is one of the very highest class consignments ever sent from this herd to any sale.

.W. MORRIS & SONS CORPORATION

WOODLAND, California

Don't miss being at Philadelphia, June 4-5-6-7, and see these California animals



O. K. L. ALBINA

A record-breaking daughter of Ormsby Korndyke Lad, owned by Julius Schmid, Montgomery, N. Y.

EX-CHAMPION COMES BACK

One of the world's record breakers of the past season was O. K. L. Albina, whose record of 23.04 lbs. butter from 482.7 lbs. milk in seven days, eight months after calving, stood for some time as a world's record in that division of the senior two year old class. This record has in fact been exceeded by that of only one other heifer in her class.

We now hear that O. K. L. Albina has freshened again as a senior 4-year-old, making the following splendid record:

Butter 7 days	32.69
Milk	651.7
Average per cent fat	4.01
Butter 30 days	129.09
Milk	2633.5
Average per cent fat	3.92

This record was made after she had finished her two year old record, strictly official all the year, of 962.83 lbs. butter from 22270.5 lbs. milk. Her milk records, both for the year and in the 8 months division, were world's records also.

She is one of the very best daughters of Ormsby Korndyke Lad, who is one of the most prominent of the present day sires. She is owned and was developed by Julius Schmid, Montgomery, N. Y.

THE NORTH COUNTRY PRODUCES PRODUCERS

The third largest record ever made in Northern New York has just been completed on Scenic Wellsland Korndyke, No. 238038, who at 6 years produced 617.5 lbs. milk, 36 58 lbs. butter, average test of 4.72.

She is sired by Wellsland Korndyke Colantha, a son of the century sire, Pontiac Korndyke. Her dam, Pietertje Denmark De Kol, has a record of 24.58 lbs. butter from 446.8 lbs. milk at 9½ years.

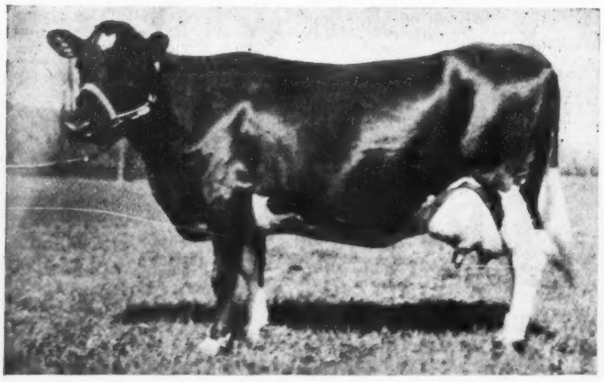
Other records of especial mention are being made this season. A half sister of the above cow, Scenic Korndyke Netherland, a junior four year old, has 32.09 lbs. butter, 702.2 lbs. milk, her best day's milk being 104 lbs. Scenic Myrtle De Kol, now in test as a junior two year old, has to her credit at this writing 19.05 lbs. butter, 453.3 lbs. milk.

The above cows were bred, developed and made their records the property of J. M. Dewey, Turin, N. Y.

ORLEANS COUNTY FARM

We are pleased to publish the picture of some of the farm buildings at the Orleans County Farm, L. S. Hill, superintendent, Albion, N. Y. They have a nice little Holstein herd headed by a splendid grandson of the great Friend Hengerveld De Kol Butter Boy out of a 22-lb. two-year-old daughter of Judge Segis.

Mr. Hill writes us in a recent letter, "Our herd is under Government inspection and our aim the development of a clean heavy producing herd of the best individual Holstein cattle. I would further say the World has been a great help to us in the breeding and development of good black and white cattle."

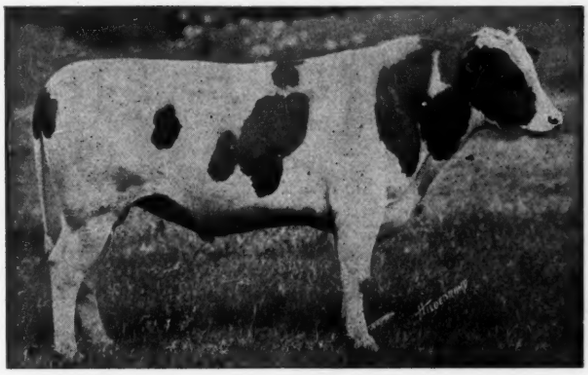


SCENIC WELLSLAND KORNDYKE
J. M. Dewey's new 36-lb. cow.

FARM BUILDINGS AT ORLEAN COUNTY FARM

The MEADOWVIEW CONSIGNMENT

To the MOYER NATIONAL SALE



KING SEGIS KORNDYKE CHAMPION

Four Daughters of this Sire—From 30-lb. Dams

Three from a 32-lb. Granddaughter of Hengerveld De Kol

A yearling daughter of King Segis Korndyke Champion from Aaggie Meadowview Queen, a daughter of Pontiac Aesula De Kol, he in turn by Hengerveld De Kol. Aaggie Meadowview Queen has a 7-day record of 32.5 lbs. butter from 680 lbs. milk and was sold in public sale for $1600. She will be remembered as the outstanding cow in the sale at Liverpool held in January, 1919. Three of the near dams of this calf average over 33 lbs.

A 2-year-old daughter of King Segis Korndyke Champion from Aaggie Meadowview Queen, a daughter of Pontiac Aesula De Kol, he in turn by Hengerveld De Kol. Aaggie Meadowview Queen has a 7-day record of 32.5 lbs. butter from 680 lbs. milk and sold in public sale for $1600. Aaggie Meadowview Queen is a sister to a 30-lb. cow and is by a brother to ten 30-lb. cows.

A December 1918 daughter of King Segis Korndyke Champion from Aaggie Meadowview Queen, a daughter of Pontiac Aesula De Kol, he in turn from Hengerveld De Kol. Aaggie Meadowview Queen has a 7-day record of 32.5 lbs. butter from 680 lbs. milk and sold in public sale for $1600. She is from a daughter of Lord Netherland De Kol making her grandsires Hengerveld De Kol and Lord Netherland De Kol, two of the breed's very greatest sires.

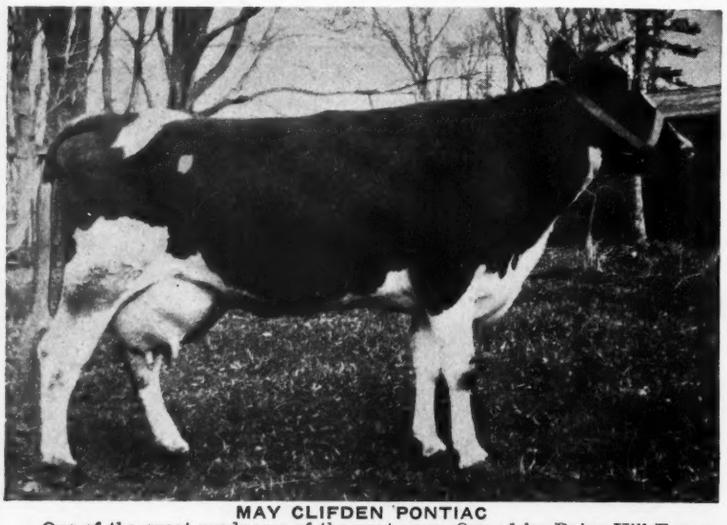
Juno Nathalie, a 6-year-old granddaughter of Hengerveld De Kol, with a record of 30.55 lbs. butter from 538 lbs. milk in a week and 120.34 lbs. butter from 2282.2 lbs. milk in 30 days. She is a very handsome young cow, fully the equal of her sister, Aaggie Meadowview Queen with over 32 lbs. in 7 days, that sold for $1600 in public sale. With her we have consigned her very handsome 2-year-old daughter.

A daughter of King Segis Korndyke Champion from Juno Nathalie, a 30.55-lb. granddaughter of Hengerveld De Kol and sister to Aaggie Meadowview Queen, 32.50. Three of the near dams of this heifer average 32.50.

King Segis Korndyke Champion is a proven son of King Segis Champion from Vinette De Kol, a 31.22-lb. daughter of Lord Netherland De Kol. King Segis Champion is sire of Belle Segis Champion, a 37-lb. cow that sold for $5000. His dam is Aaggie Pauline Sarcastic, a 36.35-lb. cow and his sire is King Segis De Kol Korndyke, a son of a 37-lb. cow.

These four heifers that we are consigning are four of his best daughters. They have not been bred, so the buyer may give his own sire a greater opportunity. Here are four very handsome daughters of two of our best granddaughters of Hengerveld De Kol. They are outstanding individuals and will make someone a great foundation herd.

W. S. WOODCOCK Edwards, N. Y.



MAY CLIFDEN PONTIAC

One of the great producers of the past year. Owned by Daisy Hill Farms, Chagrin Falls, O.

ONE OF THE SEASON'S BEST 4-YEAR-OLDS

During the official year just passed, some of the best records made were in the junior four year old class, consequently if a junior four year old was to spring into the limelight this year she had to make a tremendous record.

One of the best was Idleaze Pontiac Lass, whose records of 42.5 lbs. butter from 715.5 lbs. milk in seven days, rank with the very best. She also made a thirty day record of 141.23 lbs. butter from 2811.2 lbs. milk.

She is the second highest record daughter of her sire, the great King of the Pontiacs. She made her record for J. W. Vaughan, St. Johnsville N. Y. who sold her at the Milwaukee Sale for $13,000 to W. A. Green, of Middlefield, O.

EXPORTS OF DAIRY PRODUCTS.

Report No. 7 on Foreign Markets, recently received at this office, gives some interesting figures as to the exports of dairy products from New York City to various foreign countries. From this report we see that during the week ending May 3d, there was shipped a total of 1,346,737 lbs. butter, which, we are glad to say, compares very favorably with the 651,749 lbs. oleo shipped during the same time. France and Belgium were the only two countries named to which we shipped more oleo than we did butter, Scandinavia being another good market for butter substitutes, although the latter country imported considerably over twice as much butter from New York City as they did oleo. Over 10,000,000 lbs. of condensed milk, and an even greater amount of evaporated milk was sent to the United Kingdom of Great Britain during the same week. The total exports from New York City to all the countries of the world from January 1st to March 3d are:

Product	No. of lbs.
Butter	14,553,831
Oleomargarine	8,424,784
Cheese	3,049,427
Condensed and Evaporated Milk	197,180,828
	Dozen
Eggs	1,879,670

One of the most interesting things about this report is that even in the unenlightened countries of the old world, the consumer still prefers good, honest butter to the cheaper substitutes.

Didn't Know Beans

There was a young girl in Racine
Who planted a Boston baked bine.
She said with a frown:
"Baked beans are all brown,
But this one is coming up grine."

CLEVELAND CITY FARM HERD

Headed by

Two of the Best Bred, Young, Long Distance Sires of the Breed

Senior Sire—Maplecrest Highlawn Cleveland. A son of Friend Hengerveld De Kol Butter Boy. Sire of 5 30-lb. cows and 4 whose yearly records average 1215 lb.

His dam is Burton Highlawn 2d's Hartog, Ohio's first 30-lb. cow. She is the dam of Highlawn Hartog De Kol (a full sister to Cleveland) who with her daughter, Maplecrest Pontiac Flora Hartog are the only mother and daughter each with a 30-lb. seven-day record and a semi-official record over 1230 lb. butter and 25,000 lb. milk.

His daughters start to freshen this winter, watch for them.

Junior Sire—Meadowholm Peep Hartog. A son of Maplecrest Pontiac Hartog, sire of four that average 813 lb. at the average age of 2 yr. 4 mo. He is the best producing son of Pontiac Aaggie Korndyke, sire of 13 30-lb. cows, he being the only sire having six daughters each with a semi-official record of 1000-lb. butter or four daughters each above 1200 lb.

His dam is Early Dawn Peep 2d with 33.52 lb. butter from 634 lbs. milk, made at the National Dairy Show in 1917 after finishing a year's record of 1287.3 lbs. but-ter from 26204.1 lbs. milk, dropping twins and being shipped 150 miles. She and Aaggie Wayne Peep are the only full sisters in te world that have both made over 33 lbs. in seven days and over 1200 lbs. butter and 26000 milk in a year.

His first calves have just arrived. When in need of a herd sire let us tell you about the sons of these two sires. Better still, come and see them.

HERD FEDERAL TESTED

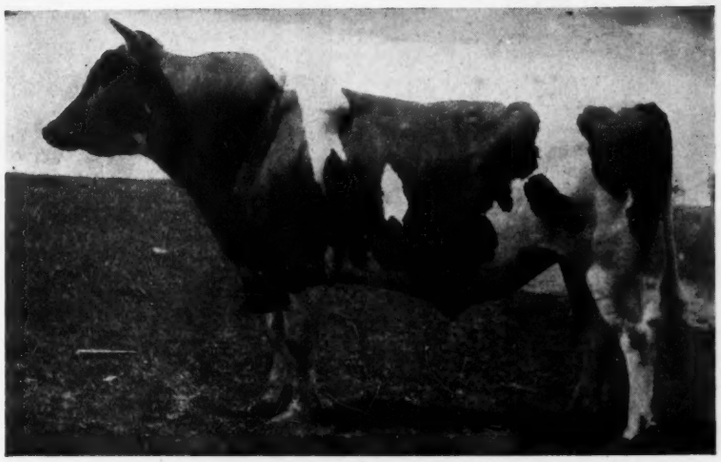
CLEVELAND CITY FARM

WARRENSVILLE, OHIO

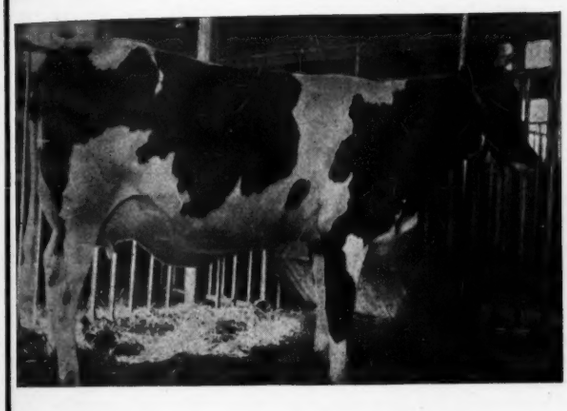
L. H. MOULTON, Farm Supt. **H. L. STARKEY, Charge of Cattle**

SUMMIT FARMS

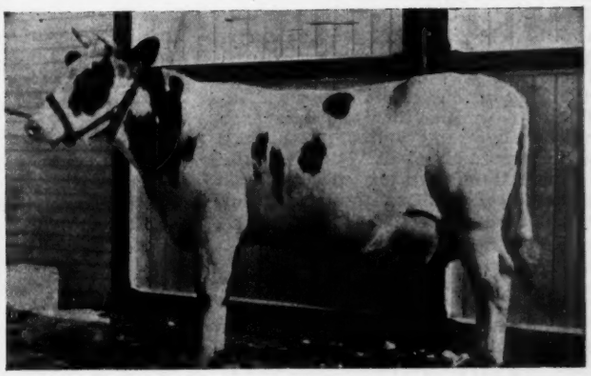
HEADED BY



KING WALKER JOHANNA LAD



K. W. J. L. LOTA DE KOL



K. W. J. L. PIETERTJE COLANTHA

A Comparison of the Records of His First Five Daughters and their Dams

The Heifers

Name	Age	7-day record Milk	Butter
K W J L Lota De Kol	2-2-25	497.1	23.20
K W J L Nellie De Kol	2-1-5	490.9	21.59
K W J L Pietertje Colantha	2-2-29	389.7	20.78
K W J L Aubigne De Kol	2-3-1	408.4	18.80
K W J L Oceta	2-0-4	358.3	16.93

Their Dams

Name	Age	7-day record Milk	Butter
Lota De Kol	8 . .	619.4	24.78
Nellie Aaggie Pierce De Kol	2-0-18	356.8	16.08
Queen Pietertje Colantha	2-2-9	317.0	18.55
Aubigne Tip De Kol	2-3-8	313.7	16.62
Roxland Oceta	3-1-12	469.7	20.54

(The last named calved at 7 months.)

MARION CLOVER BLOSSOM 3d dam of MARION BEETS MERCENA

(Daughter of Marion Clover Blossom 3d)

Junior 4-yr-old

7-day—		30-day—	
Milk	640.7	Milk	2621.2
Butter	37.26	Butter	151.81

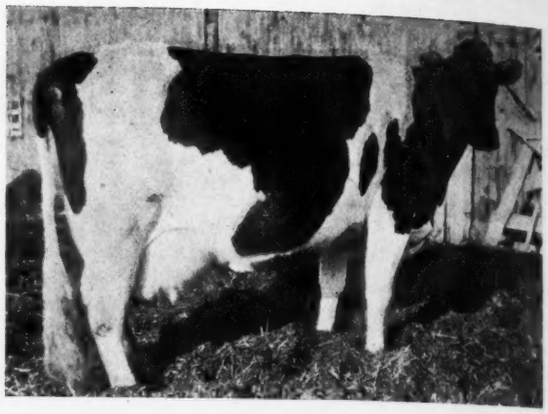
Junior 2-yr.-old

	7-day	30-day	60-day
Milk	529.07	2210.9	4240.8
Butter	23.04	97.1	186.14

In the Near Future SUMMIT FARMS Will Offer the Son of Marion Clover Blossom 3d Sired by King Walker Johanna Lad

SUMMIT FARMS----DAVIDSON, MAINE

HYACINTH NELLIE DE KOL
A 25-lb. cow owned by B. C. Hemphill, Dexter, Iowa.



LADY BOON JEWEL PRIDE
A grand old cow owned by Wm. McDonough, Howell, Mich.

A GOOD 25 LB. COW

One of the best dairy cows in the state of Iowa is Hyacinth Nellie De Kol, owned by B. C. Hemphill, Dexter, Iowa, who has a record of 51.55 lbs. milk, containing 25.21 lbs. butter, and as the cut shows, is a cow of great dairy capacity. She is a daughter of Sir Forrisy De Kol and Nellie W. 2d.

KENTUCKY FAIR WANTS GOOD HOLSTEIN EXHIBIT

Editor, Holstein-Friesian World:

We are pleased to announce that the Holstein premiums for the forthcoming Kentucky State Fair will total $1,500, and we are hoping that this will bring to our fair the largest exhibit of Holsteins that we have ever had. A real show will put Kentucky on the map as a great Holstein state. and accordingly we are asking all of the exhibitors to book their cattle for Louisville.

J. J. Hooper, Supt. of Dairy Cattle,
Kentucky State Fair.

LEADER OF HER CLASS

According to official figures now at hand, the first nine reports, Miss Colantha Korndyke Ormsby is one of the class leaders for the official year just passed, with a production of 1089.44 lbs. butter in a year as a senior four year old. Her corresponding milk production is 22350.3 lbs.

In short time work this great heifer made last year a record of 34.08 lbs. butter in seven days and 131.4 lbs. in thirty days. She with her dam and second dam formed a combination of three direct generations of 30 lb. cows, and her other grandam was the first 35 lb. cow. All four—she, her dam and both grandams—have large yearly records. The records of the four average

Butter 7 days 33.90
Butter 30 days 135.92
Butter 365 days .. 1013

She is a daughter of Colantha Johanna Champion and Miss Korndyke Maid Ormsby, and was bred and developed by her present owner, John B. Irwin, Minneapolis.

SOUTHWESTERN OHIO BREEDERS TO PICNIC

It is announced that the Southwestern Ohio Holstein Breeders' Association will have a basket picnic in connection with its annual meeting at the home of Dr. A. D. Blackburn, Cuba, O., June 14, 1919. This is a treat always looked forward to by Ohio breeders—an opportunity to visit with the most prominent Holstein breeders of that section.

There is always great rivalry among these breeders as to who shall be the first to develop a state champion. It will be interesting to all to know that some of the breeders of southwestern Ohio have bred and developed three cows with records over 30 lbs. Although this is the first year the above record could be reported, nevertheless it shows progress among the breeders of that section.

All that have the interests of the Black and White cow at heart, whether members of the association or not, are invited to meet at Dr. Blackburn's June 14 and enjoy a good old fashioned get-together.

A GRAND OLD MATRON

The picture published herewith is that of the grand old matron, Lady Boon Jewel Pride, at thirteen years old. At this advanced age she made the following records:

Milk 1 day ..... 73 lbs.
Milk 7 days 474.5
Milk 14 days 900.90
Butter 7 days 22.22
Butter 14 days .. 43.17

This splendid old cow has five A. R. O. daughters, the best of which, Oceola Boon Jewel, 30.96 lbs., appeared in our Picture Gallery May 10.

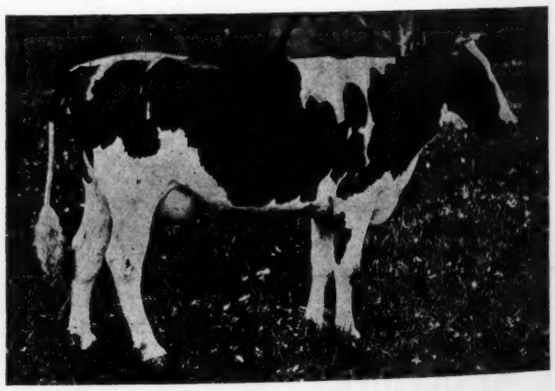
She is a daughter of Sir De Kol Spring Burke and Lady Boon Jewel, and is owned by Wm. McDonough, Howell, Mich.

ONE OF THE SEASON'S LEADERS

The leading two-year-old for the official year 1918-19 is Glen Alex Tweede De Kol, with a record of 30.99 lbs. butter in seven days. This is the highest record as yet reported officially. She is a daughter of the $15,000 bull, Spring Farm Pontiac Korndyke, a great transmitting son of the first

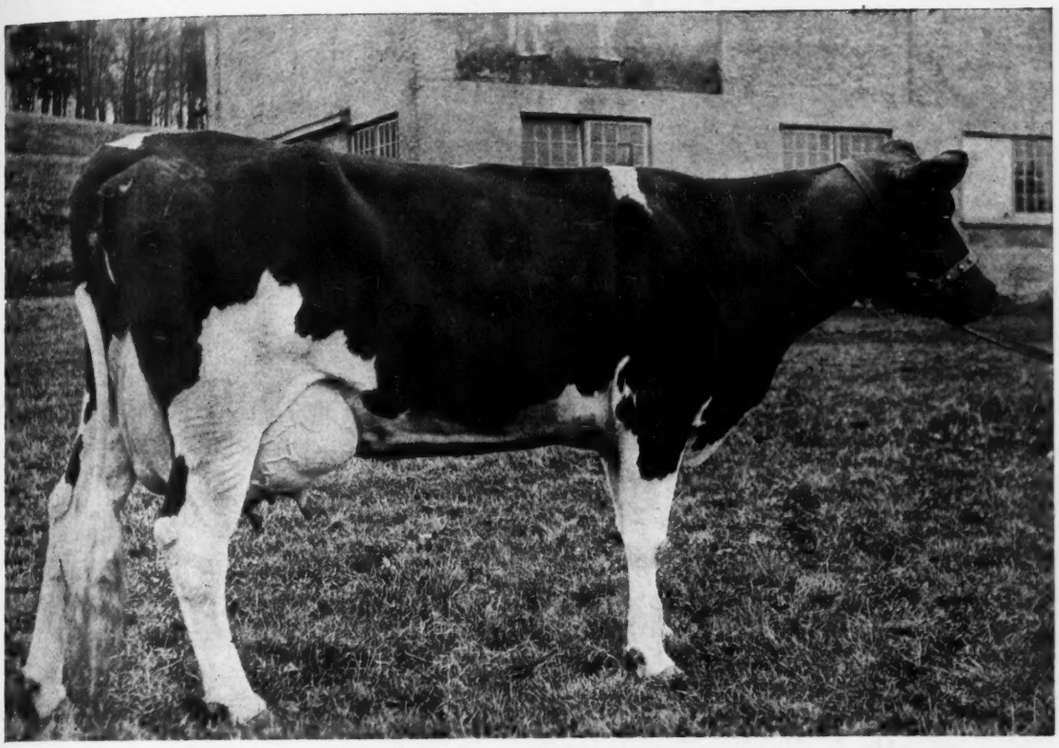
(Continued on page 122.)

MISS COLANTHA KORNDYKE ORMSBY
Butter 365 days 1089.44 lb. at 4½ yr. Bred, developed and owned by John B. Irwin, Minneapolis.



GLEN ALEX TWEEDE DE KOL
A 30-lb. 2-year-old daughter of a 42-lb. cow. Owned by A. C. Howe, New Hartford, N. Y.

THE QUALITY World Champions WE BREED



KATIE PAUL BURKE

WORLD CHAMPION 4-YR.-OLD FOR 7 & 30 DAYS

Butter 7 days 44.61 **Butter 30 days 167.48**

WE ALSO BRED

Ruby Pietertje Butter Boy	40.25	Change Princess Butter Boy	35.21
Katie Pietertje Paul 5th	34.23	Change Agnes Johanna	32.48
Roxie Pauline De Kol Posch 5th.	32.48	Johanna Butter Boy	30.47
Roxie De Kol Pauline	30.27	Katie Pietertje Paul 6th	29.99

The records of the above animals, all of which we bred on our farms, convey to the reader more than words of ours could express. The individuality of Katie Paul Burke is a fair sample of what you might expect in our herd. We have bred for size and individuality. The production has taken care of itself.

The best part of it all is that the animals do better for their purchasers than they do for us.

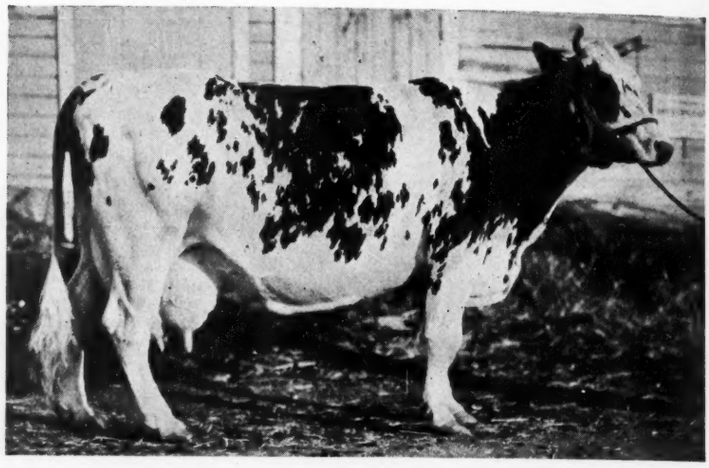
If you want to buy animals that will make the same records for you, come to the man who breeds real quality. We have several promising young bulls sired by K K S V Wayne from dams with very creditable records and closely related to the champion. Katie Paul Burke. K K S V Wayne is sired by King Korndyke Sadie Vale and from a 29-lb. daughter of Sir Veeman Hengerveld.

Ruby Pietertje Butter Boy, 40.25, the outstanding individual cow in the Moyer national sale June 5-6-7, was bred, owned and developed, with the exception of her latest record by us.

JABEZ SMITH & SON, Newark Valley, N. Y.

MILFORD MEADOWS

HEADED BY A SON OF THIS 1100-lb. COW



BESS BURKE ORMSBY

DAM OF

KING BESS BURKE ORMSBY

HIS TWO NEAREST DAMS AVERAGE 1207-lb. BUTTER

He is Sired by a Son of Aaggie Wayne Peep (1250-lb. Butter) and is from Bess Burke Ormsby, a 42-lb. and 1164-lb. Daughter of the Only 1000-lb. Cow With Three 1000-lb. Daughters

His Sire Sir Pietertje Ormsby Mercedes 36th, a son of Sir Pietertje Ormsby Mercedes who has more 1000-lb. daughters than any other bull of the breed, from Aaggie Wayne Peep with 1250.3 lbs. butter from 27762.5 lbs. milk in a year. She has three times made over 950 lbs. butter and has produced a daughter with a record of 803 lbs. butter from 19202 lbs. milk in a year, which heifer is a full sister to Sir Pietertje Ormsby Mercedes 36th. Aaggie Wayne Peep has a 7-day record of 34.59 lbs. butter from 657.2 lbs. milk and is a full sister to Early Dawn Peep with a record of 32.53 lbs. butter from 634 lbs. milk in 7 days and a year record of 1287 lbs. butter from 26204.1 lbs. milk.

His Dam Bess Burke Ormsby has a 7-day record of 42.31 lbs. butter and has recently completed a year record of 1164.14 lbs. butter from 26044.7 lbs. milk. She is a full sister to Bess Pietertje Ormsby Mercedes with a record of 1235.33 lbs. butter from 29053.2 lbs. milk and is from the same dam as Spring Brook Bess Burke 2d with 1250 lbs. butter from 24900 lbs. milk in a year. Bess Burke Ormsby is also by Sir Pietertje Ormsby Mercedes and is one of his eight 1000-lb. daughters. Her dam is Spring Brook Bess Burke, the only 1000-lb. cow of the breed with three 1000-lb. daughters.

The three nearest dams of King Bess Burke Ormsby are all above 1000 lb. in a year. He carries 50 per cent of the blood of Sir Pietertje Ormsby Mercedes who has more 1000-lb. daughters than any other bull of the breed. His dam is the highest record daughter of Sir Pietertje Ormsby Mercedes. His first calves from daughters of our herd sires, who are all grandsons of Homestead Jr. De Kol, through his best daughters are now arriving and are individuals of exceptional merit. They are some of the very best ever born at Milford Meadows. His sons from some of our great cows are for sale.

MILFORD MEADOWS STOCK FARM

STOCK FARMS

Assisted By A SON OF THIS 1250-lb. COW

AAGGIE WAYNE PEEP

DAM OF

MARATHON AAGGIE

HIS DAM AND HIS FULL SISTER AVERAGE 1003-lb. BUTTER

The Last Son of SIR PIETERTJE ORMSBY MERCEDES from AAGGIE WAYNE PEEP with a Year Record of 1250.3-lb. Butter from 27762.5-lb. Milk

His Sire Sir Pietertje Ormsby Mercedes, the world's greatest sire of prize winners. He has more 1000-lb. daughters than any other bull of the breed, eight having made from 1020 to 1389 lbs. in a year. He is the sire of the only heifer of the breed with a record of over 30,000 lbs. milk. Twenty-two of his daughters have made records at an average age of 3 years, 10 months averaging 1600.2 lbs. butter from 21056.8 lbs. milk. Acknowledged by all breeders to be the greatest long distance sire of the breed and famed for the persistency of his offspring

His Dam Aaggie Wayne Peep, three times a 30-lb. cow, her best production being 34.59 lbs. butter from 657.2 milk in 7 days. She has made four year records that average 986.7 lbs. butter. At three years of age she made 869 lbs. butter from 18,500 lbs. milk; as a senior 4-year-old she made 974.3 lbs. butter from 21821 lbs. milk and at 6 years she made 1250.3 lbs. butter from 27762.5 lbs. milk. Again at 7 years she made 952.7 lbs. butter from 20425 lbs. milk.

She has produced Aaggie Wayne Peep 2d, with a senior 3-year-old record of 803 lbs. butter from 19202 lbs. milk and a 7-day record of over 29 lb. as a 4-year-old. She is a full sister to Early Dawn Peep 2d with a 33-lb. 7-day record and a year record of 1287.7 lbs. butter from 26204 lbs. milk. This is a world's record for full sisters. She is also by the same sire as Ona Clothilde Wayne with 1266.6 lb. butter from 27091.5 lbs. milk. She is one of the very greatest foundation cows in the E. C. Schroeder herd.

This young bull is the last son of Sir Pietertje Ormsby Mercedes. He is a full brother to Sir Pietertje Ormsby Mercedes 36th who is the sire of our senior bull King Bess Burke Ormsby. The crossing of this bull on the daughters of King Bess Burke Ormsby will allow us to line breed to both Sir Pietertje Ormsby Mercedes and to Aaggie Wayne Peep, two of the greatest Holsteins ever produced in the middle west.

You are cordially invited to visit Milford Meadows Stock Farm and see the youngest son of Sir Pietertje Ormsby Mercedes, also a son of the highest record daughter of Sir Pietertje Ormsby Mercedes.

ESTATE OF EMMONS BLAINE

HARRY W. FAVILLE, Mgr., Lake Mills, Wis.

(Continued from page 118.)

44-lb. cow, out of Tietje Queen De Kol, who is famous as a 42-lb. cow that has two daughters with records above 42 lbs.

She was bred and is owned by A. C. Howe, New Hartford, N. Y.

FEED PRICES IN NETHERLANDS

Dairymen who are disposed to rebel at the big feed bills might be interested in knowing the prices of cattle feed in the birthplace of the Black and White cow, the Netherlands.

Product	per 100 lbs.
American linseed oil cake	$ 6.83
Dutch linseed oil cake	6.83
Fodder beans	5.28
Fodder peas	5.28
Bean waste	5.28
Pea waste	5.28
Canary seed	5.28
Mustard seed cake	6.55
Rape seed cake	6.55
Oats	4.18
Barley	4.18
Government meal	4.00
Middlings and bran	3.29
Barley offal	3.29

Beet-root leaves, which before the war were generally plowed under as green manure, were sold as cattle fodder during 1918 as high as $65 per acre, a price which the beet itself barely brought in normal times.

In Switzerland the Federal Department of Public Economy has fixed the following maximum prices for oil cake and corn products:

Oil cake	wholesale	retail
Unground 100 lbs.	$6.40	$6.57
Ground do	6.67	6.85
Corn Products lb.	——	.088

They used to tell it to the Marines—now they tell it about them.

THIS FAMILY GROUP

A 32-lb. Cow

Her 33-lb. Daughter

Her Granddaughter

Consigned to the

National Sale, Philadelphia, Pa.

June 5-6-7

1—MISS JOHANNA PONTIAC KORNDYKE

Butter 7 days	32.59
Milk	669.7
Butter 30 days	134.33
Milk	2597.6
Best day	97.0

The above cow made her record at 8 years. She is a granddaughter of Pontiac Korndyke and is the dam of Johanna Pontiac Korndyke Segis that has recently made almost 34 lbs. as a 4-year-old, giving over 100 lbs. her best day. In addition to this 33-lb. daughter, Miss Johanna Pontiac Korndyke has produced two other daughters both of which have made over 20 lbs. She is one of Canada's greatest foundation cows and her sale offers breeders an opportunity to secure a proven producer and transmitter.

2—JOHANNA PONTIAC KORNDYKE SEGIS (at 4 yrs.)

Butter 7 days	33.88
Milk	675.2
Butter 30 days	129.36
Milk	2673.1
Best day	100.1

A daughter Miss Johanna Pontiac Korndyke sired by King Segis Pontiac Duplicate, a son of King Segis Pontiac and ¾ brother to King Segis Pontiac Count whose daughters have broken more than 100 world's records. This cow traces twice directly to Pontiac Korndyke and also to both King Segis and Hengerveld De Kol, which gives her a combination of four of the greatest sires of the breed.

3—A YEARLING HEIFER.

A daughter of Sir Waldorf Korndyke from Johanna Pontiac Korndyke Segis, a 33-lb. 4-year-old granddaughter of King Segis Pontiac from a 32-lb. granddaughter of Pontiac Korndyke. The first and second dams of this heifer are No. 1 and No. 2 described above. This heifer, whose two nearest dams have each given over 660 lbs. milk in 7 days, is sired by a son of the famous Rag Apple Korndyke 8th, better known as the first $25,000 bull of the breed and the only living sire with two 40-lb. daughters.

These animals are all first class individuals, fit to go into any herd in the country, and present a wonderful opportunity to the breeder desirous of developing three generations of 30-lb. cows. Two of the records have already been made and the yearling heifer gives every indication of being able to continue the great work of her dam and grandam. I can recommend them most highly to anyone in the market for females of this class.

J. W. STEWART Lynn, Ont.

TAKE CARE OF YOUR MILKING MACHINE.

To avoid the financial loss incident to the return of cans of soured milk, milking machine users during warm weather will find it necessary to practice particularly careful methods of cleaning the machines.

Immediately after milking water should be drawn through the teat cups and tubes by operating the machine as if actually milking. Three pails of water should be used—first cold water, second hot water, containing a dairy cleaning powder, and third clear hot water. The cups and tubes should now be free from milk and dirt and are ready to be placed in a sterilizing solution and kept there until the next milking. The metal parts of the machine, such as the pail and the head, should be washed in hot water and dried.

Take Cups Apart Weekly.

The cups and tubes must be taken apart once a week and all parts scrubbed in hot soapy water inside and out with the special brushes furnished with the machine. At this time it is advisable to clean such parts as the suction trap of the pulsator, the air valves, etc.

Dairymen using machines who are having difficulty in making milk of low germ content may be overlooking some essential detail of the cleaning process, since the Geneva experiment station and many practical dairy farmers have successfully made milk for several years with machines. The Geneva station has recently published a milking machine bulletin (Circular 54) which describes the cleaning process as outlined above, the sterilizing solution used for rubber parts, and the like. This may be obtained from Geneva or from the Farm Bureau office.—W. K. Blodgett. Department of Rural Engineering, New York State College of Agriculture, in Chemung Co., Farm Bureau News.

WISCONSIN COUNTY ADDS 87 BULLS IN 109 DAYS

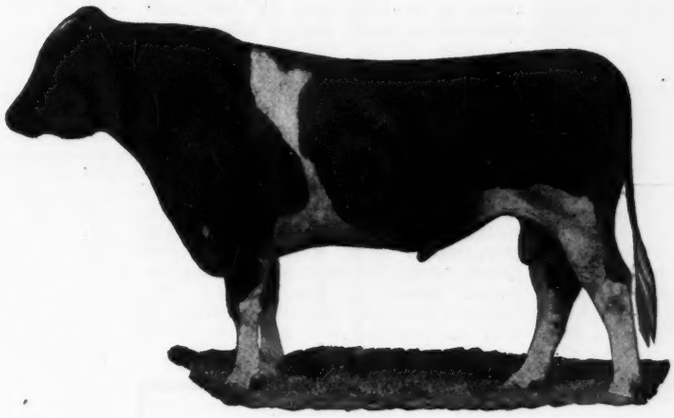
Shawano Claims Record in Better Bull Campaign

Shawano, Wis. May 13.—Farmers in this section are elated over the showing made by Shawano county in the Better Wisconsin Campaign.

Since January first 87 bred-for-production pure bred sires have taken the place of the same number of scrubs. Everyone is enthusiastic over the possibility of making the county 100 per cent purebred at a much earlier date than was expected, and the committee headed by County Agent Moore is working hard to get immediate action from the remaining scrub and grade owners.

In one week just past three meetings were held to Boost Better Bulls, with a total attendance of more than 200, and scarcely a single scrub bull owner left one of the meetings without declaring his intention of getting a purebred sire within the near future.

The success of Shawano county in combatting the scrub bull has been due largely to the enthusiasm displayed by those backing the project in this section. Local leaders are predicting that



KING VALDESSA

Has The Following Representation
In The Moyer National Sale
Philadelphia, Pa., — JUNE 5, 6, 7

1 SON 4 DAUGHTERS

King Valdessa was the first bull of the breed with his two nearest dams both above 40 lbs. He is sired by Spring Farm Pontiac Cornucopia, a son of K P Pontiac Lass, the first 44-lb. cow of the breed. His dam is Valdessa Scott 2d, 41.88, the first 40-lb. cow. She has also produced two 33-lb. daughters. The records of the two nearest dams of King Valdessa average 43.03 in 7 days and 167.9 in 30 days.

THE BULL

Finderne Fayne Holingen Valdessa, a 9-months-old son of King Valdessa from Finderne Holingen Fayne, former world's champion 3-year-old with a record of 37.34 and present world champion in the 30-day division with 1300.95 lbs. butter from 24612 lbs. milk. She is sired by King Hengerveld Aaggie Fayne, a brother to Segis Fayne Johanna and himself sire of ten 30-lb. cows. The records of the dam and two nearest dams of the sire of this calf average 41.13. Below are the records of his dam. Note the number of world records she has made.

Butter 7 days (World's record when made)	3y 37.34
Butter 30 days (World's record)	150.33
Milk	2599.10
8 mos. after calving (World's record when made)	22.57
Milk	339.10
Butter 305 days	1201.85
Milk	21,415.00
Butter 365 days (World's record).	1395.06
Milk	24,612.80

THE HEIFERS

We have also consigned four daughters of King Valdessa from some of the greatest cows in our herd. One especially attractive 2-year-old is Finderne Wachusett Valdessa. Her dam is Finderne Wachusett Fayne, a 35-lb. daughter of King Hengerveld Aaggie Fayne. The second dam has a record of over 33 lbs. The three nearest dams of this heifer average over 36 lbs. Another high class heifer is Finderne Houwtje Valdessa, a 2-year-old daughter of Finderne Houwtje Korndyke—she a 21-lb. 2-year-old daughter of King Pontiac Segis Korndyke. We are also consigning a daughter of King Pontiac Segis Korndyke from Jewel Somerset, who is a sister to Jewel Hengerveld De Kol 3d, 31.39. All of the females in the Finderne consignment have been bred to King Hengerveld Valdessa.

This is one of the very best consignments ever sent from Finderne Farms. The offering of a son of the world champion 3-year-old is in itself a feature worthy of the attention of any breeder in the market for a sire of the very highest class. His full brother sold at Worcester for $8000.

FINDERNE STOCK FARM B. MEYER Owner **Finderne, N. J.**

when the final roundup comes in the Better Bull drive this county will be right up among the leaders, and, it is hoped, without a single scrub bull marring its "war" record—the war against the unproductive scrub.

SAGINAW DAIRYMEN BOOSTING MILK

The Saginaw Valley Holstein-Friesian Breeder's Association in preparing to co-operate with representatives of the state and the Saginaw Milk Dealer's Assn. in putting on a short campaign to stimulate public interest in the food value of milk as compared with other food staples, the comparison being made in terms of food units and dollars and cents. A food display will be staged in one or more prominent show windows, press publicity will be used and a series of noon hour factory meetings are in prospect, these to be addressed by competent speakers, in short, snappy talks on the necessity of the liberal use of milk and all dairy products in the properly balanced human food ration. This will come on about the last of May. The National Holstein-Friesian Association is co-operating.

* * *

The recent Holstein sale of Lange & Son (Langhurst Stock Farm), Sebewaing, Mich., was very successful and attracted a large attendance, good prices were realized and strong interest shown in the breed. The animals generally went to residents of this section and will go to build up Valley herds. This was not a dispersal sale but merely to dispose of some of the excess stock.

* * *

An interesting series of nutrition experiments is being carried out in some of the Saginaw, East Side public schools, the object being to show the necessity of milk in the child's diet. Accurate weighing tests were made at the Potter school, where the second of the milk stations of the City Federation of Women's Clubs has been established. It is the aim of the organization to weigh the children who are receiving milk, once a month and data is kept showing the improvement in the health of each child since the station was started. April 20th, upon the establishment of the station, 233 children in the school were carefully weighed and the rather startling fact that but a very small per cent of the children were of normal weight was revealed. Out of 125 boys weighed 69 were overweight, 44 underweight, and 12 normal, while among the 104 girls weighed 60 were overweight, 40 underweight, and 4 normal.

Since the station was started at the school 250 bottles of milk have been consumed daily and the straw that is provided has helped a lot in popularizing milk as a beverage. The milk is supplied at 3 cents per half pint and to poor children it is provided gratis. The faculty of the school is gratified at the showing being made.

* * *

The Saginaw Milk Dealers recently gave a ball for the benefit of the funds of the Anti-Tuberculosis Society here. They had been asked to cut on the price of milk supplied for tuberculosis patients but preferred to strictly maintain prices and accomplish the object of aid otherwise. This was successfully done by the ball which was largely attended and produced a handsome sum for the milk fund.

L. S. Foote.

Just Think It Over

Spring Farm King Pontiac 14th No. 133407 now has 10 tested daughters, all real ones.

One of his first daughters this year with first calf made 26.42 in 7 days and a splendid 14-day record, milking as high as 77.8 lbs. milk in a day.

Also a yearling has 22.45 butter so far and is on for 30 days.

Just compare him with the so-called greatest bulls and see how he stands.

Also we have just completed 5 records on young cows, ranging from 30.04 to 36.02, most of these cows milking up to and over 100 lbs. of milk a day.

The kind you are all looking for.

Wouldn't this be the right place to buy your next bull?

Get them while they are young.

Always a few females for sale.

Write at once to S. M. Strickland, Owner

STRICKLAND FARM

Carthage **New York**

COMPLETE DISPERSAL SALE

Good Intent Farms' Entire Herd of 35 Registered Holstein Cattle at Washington, Pennsylvania,

JUNE 10th at 1 O'clock

Every cow has an A. R. O. record, with records up to 27 lbs.

Nearly every animal has a dam with an A. R. O. record.

Sale includes a calf from a 27-lb. cow, sired by King Echo Sylvia Johanna, who is the sire of Carnation King Sylvia, the $106,000 bull. A 19-lb. 3-year-old daughter of the great King of the Pontiacs from a 29-lb. daughter of Burkeson. A daughter of the $50,000 bull, King Segis Pontiac Alcartra, from a 28-lb. daughter of Pontiac Aaggie Korndyke.

Our junior herd sire whose three dams average 33.40 butter 7 days.

These are merely a sample of the QUALITY! Plan now to attend.

Catalog ready. Address Franklin Maroney.

Note—Washington, Pennsylvania is 28 miles south of Pittsburgh on Penna. R. R., B. and O. R. R. and Pittsburgh and Washington Street Ry. with cars every hour. Get off P. R. R. and Street Ry. at Arden.

PRODUCTION SIZE INDIVIDUALITY

GOOD RECORDS FOR HOWELL BREEDERS.

Several very creditable records have been made during the past season by Charles S. Heeg and Son, proprietors of Pleasant View Dairy Farm, Howell, Mich. One of the best of these is Topsy Hartog Pet Canary, who has just finished a record of 32.11 lbs. butter from 551 lbs. milk. She is just five years old, and has never been given an opportunity to make an official record.

Another good one at Pleasant View is Rubterdale Flint Ferndale Aaggie, with a senior three year old record of 28.15 lbs. butter from 498.8 lbs. milk. Mr. Heeg tells us that at the time this record was made—last March—she was the largest record three year old in the county. She is a daughter of Flint Ferndale Aaggie, a 31 lb. four year old.

Two other good records were made by Messrs. Heeg last fall. Bell Traverse De Kol Colantha 2d as a junior four year made a record of 25.14 lbs. butter from 539.6 lbs. milk, and Rhea Hartog Elzevere 2d as a senior three year old made 25.85 lbs. butter from 455.2 lbs. milk. She is said to be the best senior three year old tested in Livingston County during 1918.

We hope to publish pictures of some of these great cows in the near future.

Bulls With 1000-lb. Backing

From six to eight months of age—all splendid individuals and from dams that have made good records in the long time test.

A FAIR SAMPLE

Lothian Stanley Korndyke, just a year old, and showing typical **Lothian Riverode Quality.**

He is a son of K P B A Fedora King.

The dam Lothian Belle Korndyke De Kol is a daughter of the great Pietertje Hengerveld Sir Korndyke, and like all his daughters is making a good record for a year. In 256 days (two milkings a day) she has 9,453.7 lb. milk making over 480 lb. butter and is still going strong. Remember she has five sisters with two-year-old records above 18,000 lb. milk in a year.

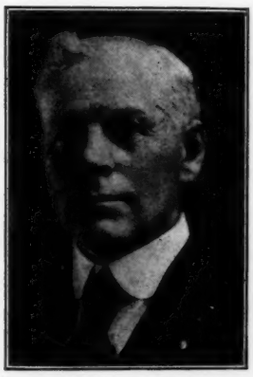
We have several others of this same quality at prices you can afford to pay and coming from lines you know will produce results.

If it is bulls of this sort you want, write us.

The

Lothian-Riverode Stock Farms

Alexander Watt NOVELTY, OHIO L. M. Williams



Thanking you for past favors, I am

Cordially Yours

Geo. W. Baxter

HOLSTEIN
AUCTIONEER
Elmira, N. Y.

THE YATES FARMS

Home of

Rex Pontiac

A son of Spring Farm King Pontiac, from a 31-lb. dam. His first daughter made over 20 lbs. in 7 days at 2 years, and averaged over 60 lbs. milk per day for 30 days. His get are individually wonderful.

King Valdessa Korndyke

A son of King Pontiac Segis Korndyke, whose 2 nearest dams average nearly 34 lbs. and whose dam is the 38-lb. daughter of the first 40-lb. cow, Valdessa Scott 2d, dam and grandam averaging over 40 lbs. We are breeding the daughters of Rex Pontiac to King Valdessa Korndyke. The result should be desirable. For a bull bred along these lines, address

THE YATES FARMS

ORCHARD PARK, N. Y.

T. M. ADAMS, Mgr. HARRY YATES, Prop.

COUNTRY FARM LIFE

OFFERS FOR SALE

A two-year-old daughter of a **34.33-lb. cow.** This heifer is a beautiful individual, nicely marked and good size. She was bred April 24, 1919 to a grandson of **King Korndyke Sadie Vale.**

Also a bull calf from a 22.59-lb. jr. 2-year-old. He is sired by King Korndyke Sadie Veeman whose six nearest dams average over 33 lbs. butter in 7 days. This calf's **fifteen nearest dams average 29.06 lbs. butter, 588.5 lbs. milk in 7 days.**

He was born April 18, 1919. Is a fine individual and nicely marked.

Have several heifer calves from 2 to 6 months old for sale.

For pedigrees and prices write

S. T. WHEELER West Winfield, N. Y.

IF COLE HAD HER SHE

Would Make 40 lbs.

How often you hear the above expression. It has been used so much that it is almost shop worn. Nevertheless in many cases it is true.

ALL TOO TRUE

There is many a possible 30-lb. cow, some 40-lb. cows and perhaps a world's champion waiting for the opportunity to show what she could do if tested by

THE WORLD'S GREATEST DEVELOPER OF CHAMPION AND 40-LB. COWS — CHARLES E. COLE

Mr. Breeder, this is your opportunity to win fame and fortune. Send those great cows of yours to Cole. Give them the chance they deserve. The charges are based upon the size of the record made and are most reasonable. Write us for full particulars

OF THIS WONDERFUL OFFER

We are booking cows now to be shipped to the farm in June.

KING OF THE RAG APPLES—THE GREATER BULL

Heads our herds. Secure one of his sons.

HE IS THE COMING SIRE

WOODLAWN FARM COMPANY

Sterling, Ill.

N. B.—We have a few choice bull calves from cows that Cole will test in the next year. Send for catalogue of them. They are real bargains

Canadian Holsteins Smashing Records

AMONG the most sensational developments in the history of the Holstein breed, the achievements during the past year of Canadian Holsteins stand out. Considerable prominence has been given to the work of these great Canadian producers during the year, and we will, therefore, at this time simply present a brief review of some of the things which are cause for especial pride on the part of Canadian breeders.

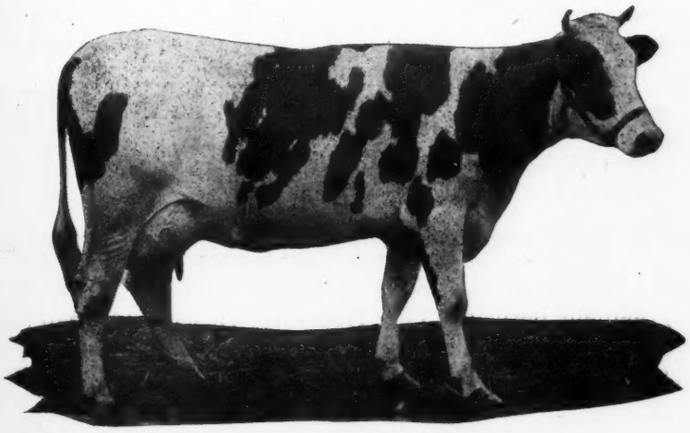
Perhaps most sensational is the record of Rolo Mercena De Kol with her record of 51.93 lbs. butter in seven days, 201.17 lbs. in thirty days. This great cow, who raised the best previous record for seven days by 1.25 lbs., and the thirty day by nearly 16 lbs., is a cow of outstanding quality. She will be on display at Philadelphia during the annual meeting of the Holstein-Friesian Association of America, and is to be sold in the National Sale to the highest bidder. There will also be sold one of her daughters, this being the only instance in history of a 50 lb. cow or the offspring of a 51 lb. cow having ever been offered for sale The particular interest attached to the performance of Rolo Mercena De Kol comes of the fact that her owner, J. B. Hanmer, is a young man only 23 years of age, working without adequate capital and under conditions that would prove insurmountable obstacles to the man of less determination.

Another world's record broken by Mr. Hanmer is the senior three year old for thirty days with his heifer Elva Spofford, her production of 144.67 exceeding the previous world's record of Woodcrest Ina De Kol 4th with 143.97 lbs. Her 37 lb. 7 day record sets a new mark for Canada. This great heifer also is to be sold at Philadelphia, together with her 31 lb. dam.

In the May Echo family Canada has developed a strain which ranks with the greatest in Holstein history. Breeders all over the world know of the achievements of May Echo Sylvia, and honor her as one of the breed's most distinguished champions. Her latest performance as a ten year old is still unfinished as these lines are written, and it is significant that in spite of her advanced age May Echo Sylvia is beating every previous record from seven days up to sixty, with a single exception of her own records as a seven year old. According to advices from Avondale Farm, her best seven days for milk production at ten years are 959.1 lbs., with a thirty day record of 3898.5 lbs., and a sixty day record in the same proportion nearly completed. This record is exceeded only by her previous seven day record of 1005.8 lbs, while she has the unequaled honor of making four seven day records each above 800 lbs. milk and 35 lbs. butter, with five above 33.9 lbs. butter, 759 lbs. milk.

Concrete testimony to the popularity of the May Echo Sylvia family was shown at Milwaukee last year when her son, Carnation King Sylvia, sold for $106,000. Her youngest son, sired by Mr. Bell's King Valdessa Pontiac, is to be sold at the Philadelphia sale this year. This calf is described as being even better individually than Carnation King Sylvia was at the same age, which means that he is a real top notcher. Mr. Hardy is also consigning three grandsons of May Echo Sylvia, these being sired by his great bull, Champion Echo Sylvia Pontiac. Two of these are twin sons of Belle Model Pontiac, a 32 lb. daughter of Canada's former champion, Belle Model Johanna 2d, with two records each above 37 lbs. The other is from a 28 lb. four year old daughter of Belle Model Pietje, who is a 36 lb. four year old daughter of Belle Model Johanna 2d, mentioned above.

ROLO MERCENA DE KOL
Canada's first 50-lb. cow and now Champion of the world.



ELVA SPOFFORD
Canadian champion 37-lb. senior 3-year-old and world champion in the 30-day division.

The new long distance champion of Canada, Jemima Johanna of Riverside, enters the exclusive list of cows producing above 1000 lbs. butterfat and 30,000 lbs. milk. Her record stands at 30373 lbs. milk, 1278 lbs. butter, and as the record was made in her ten year old form she becomes the world's champion milk producer for her age. As she carried a calf eight months of this year, this performance must be ranked with the very greatest of the breed. She is owned by W. C. Houck & Sons, Chippawa, Ont.

Another source of pride for Canadian breeders was the topping of the Milwaukee sale for females by the Canadian two year old, Het Loo Pietertje, the world's champion junior two-year old, for seven and thirty days. She was consigned by W. L. Shaw of New Market, Ont., and pur-

(Continued on page 130.)

The Holstein-Friesian Ass'n of Canada

Incorporated January 1, 1900

—OFFICERS—

OFFICERS, 1919

President, Dr. S. F. Tolmie, M. P., Victoria, B. C.; 1st vice-president, F. R. Mallory, Frankford, Ont.; 2d vice-president, N. Sangster, Ormstown, Que.; 3d vice-president, G. A. Brethen, Norwood, Ont., 4th vice-president, A. E. Hulet, Norwich, Ont.

Secretary-Treasurer, W. A. CLEMONS, St. George, Ont.

DIRECTORS, 1919

R. F. Hicks, Newton Brook, Ont.; M. H. Haley, Springford, Ont.; N. P. Sager, St. George, Ont.; R. M. Holtby, Port Perry, Ont.; R. W. E. Burnaby, Jefferson, Ont.; P. J. Salley, Lachine Rapids, Que.; Walter M. Lea, Victoria, P. E. I.; W. J. Cummings, Winnipeg, Man.; H. Follett, Duval, Sask.; J. H. Laycock, Okotoks, Alta.

AUDITORS

B. Mallory, Belleville, Ont.; J. W. Richardson, Caledonia, Ont.

The purpose of The Holstein-Friesian Association of Canada is best described in Article II of the By-Laws which reads as follows:

> Section 1. This Association is established to promote the best interests of the Holstein-Friesian Cattle and their owners in the Dominion of Canada.
>
> Sec. 2. To bring the breeders into close and friendly relations with each other that they may co-operate in their efforts to raise this noble race of cattle to a higher plane.
>
> Sec. 3. To correct all erroneous statements regarding this breed of cattle and protect the members from fraud or imposture in all matters pertaining to the purchase, sale or breeding thereof.

Founded in 1883 with a membership of but a dozen it has had a steady growth until at the present time it enjoys a membership of more than 3200. Registrations have been proportionate to the growth of the Association and with the close of the 23d volume there will be recorded approximately 43,000 males and 72,000 females.

It far outclasses all other associations of dairy cattle breeds in respect to both membership and number of animals. It is the most active association in the Dominion and has done its full share in exploiting the merits of the Holstein-Friesian cow and is continuing with renewed vigor its efforts to obtain for the breed and its product, the recognition they so justly deserve in the realms of the dairy world.

The members of this association and all others interested in this great breed have been most conservative in their breeding operations—they have followed no fads or fancies other than to produce a machine capable of converting large quantities of roughage into food for mankind and at the same time retaining those qualities necessary to make their animals appeal to fanciers through their smoothness of finish, size and beauty of form. The result of these years of effort is that Canadian Holsteins are nationally famous for everything that goes to make up the very best:

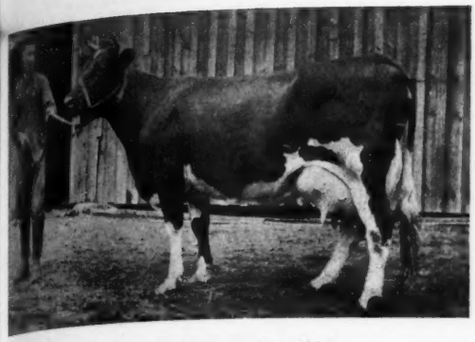
SIZE PRODUCTION INDIVIDUALITY

The achievements of Canadian bred Holsteins is a matter of history. The members of this Association will challenge their animals against the world.

If you are a Canadian breeder and are not a member of this Association you are invited to join.

If you are a breeder in the United States, we as a body invite you to come to Canada and select from her herds. The reciprocity agreement between The Holstein-Friesian Association of Canada and The Holstein-Friesian Association of America permits of the purchase of Canadian bred Holsteins with assurance of their acceptance for registry within the United States and vice versa.

The secretary is at your command and will gladly answer all communications in regard to Canada and Her Holsteins.



ROLO MERCENA DE KOL

ELVA SPOFFORD

Accomplishments of
CANADIAN HOLSTEINS

Canada has produced the only animal of any breed to sell for $106,000.

Canada has produced the Champion of the World and only 51-lb. cow.

Canada has produced the only cow of any breed to give 1000-lb. milk in 7 days.

Canada has produced the world champion junior two-year-old and exported her to the United States for $12,750.

Canada has produced the only cow of any breed to make 200 lb. butter in 30 days.

Canada has produced the world champion first calf two-year-old.

Canada produced the first cow to make 30,000 lb. milk in a year under strictly official test.

Canada produced the first three generations of 700-lb. milk cows.

CANADIAN HOLSTEINS
ARE BRED FOR A PURPOSE

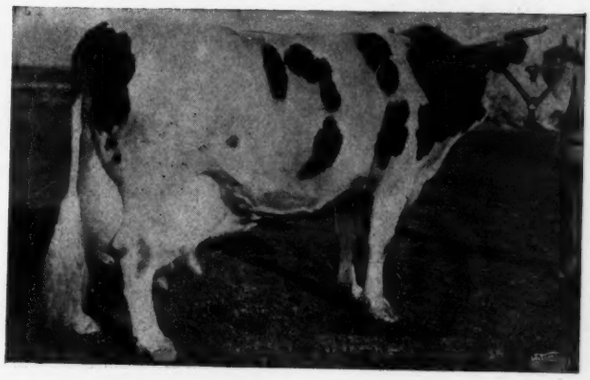
Come to Canada for your milk production, for your butter production, for your long distance cows, and of more importance your beautiful individuals that can win for you in any show ring in the world.

CANADA BIDS YOU WELCOME

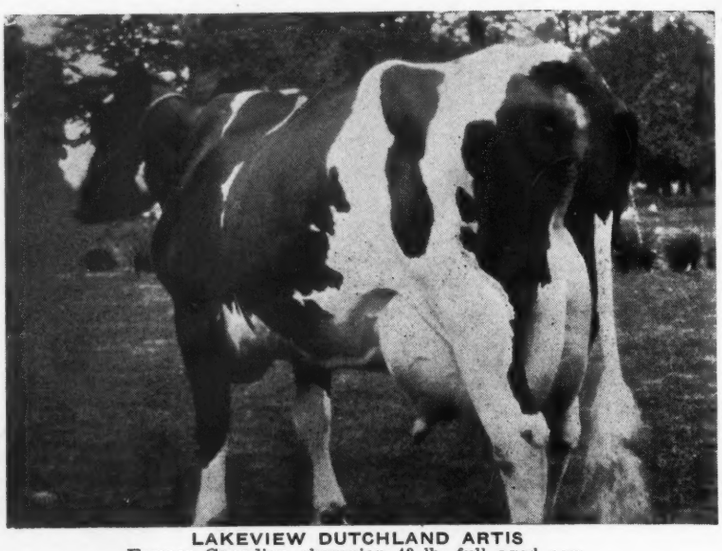
MAY ECHO SYLVIA

HET LOO PIETERTJE

CARNATION KING SYLVIA



ZARILDA CLOTHILDE 3d DE KOL



LAKEVIEW DUTCHLAND ARTIS
Former Canadian champion 43-lb. full aged cow.

(Continued from page 127.)
chased for $12,750 by Lisle Farms, Lisle, Ill., this being the highest price ever paid for a heifer of her age.

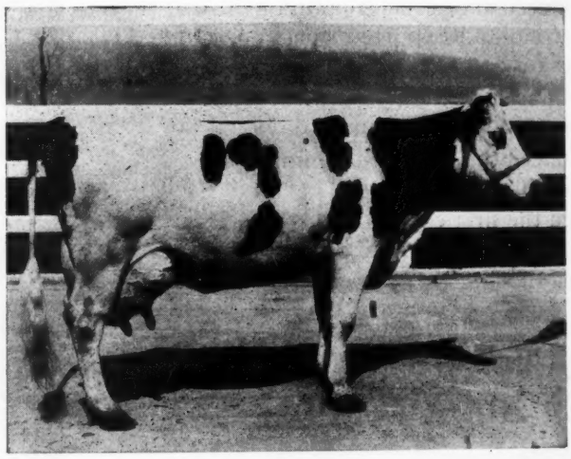
Encouraged perhaps by the great success of the two Canadian breeders who consigned to the National Sale last year, eight breeders from the Dominion are represented in the sale this year at Philadelphia. In addition to those mentioned above, we would call attention to the following consignments.

H. H. Bailey, who has developed some of the greatest show animals in the Dominion, consigns five females and one male, three of the number having records of 31 to 32.79 lbs. The young bull is a son of the 33 lb. Canadian champion junior three year old, Het Loo Clothilde Korndyke, sister to Het Loo Pietertje, the $12,750 heifer.

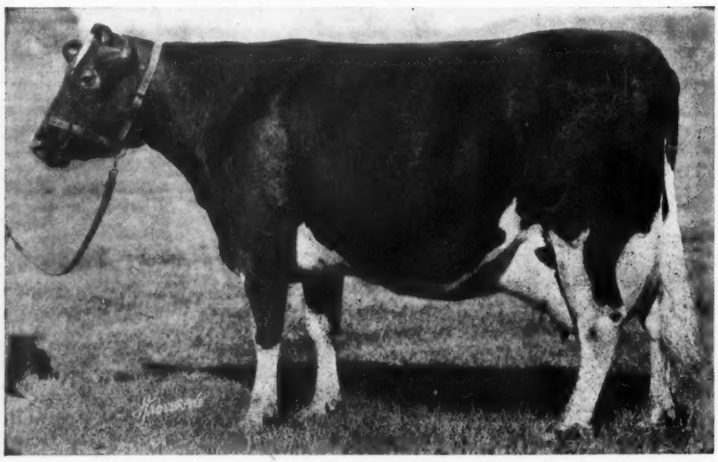
Sherrick Bros. consign Korndyke Geiske Ramondale, sired by Avon Pontiac Echo, the older son of May Echo Sylvia, out of Raymondale Geiske, with records as a junior two year old of 25.72 lbs., and as a junior three year old of 29.06 lbs. butter, 616 lbs. milk. She is due to freshen again before the sale. This is another sister of Het Loo Pietertje, being sired by Pontiac Korndyke Het Loo.

Purtelle & Levens are consigning two daughters of Champion Echo Sylvia Pontiac. Both are from a 30.87 lb. four year old that milked 103 lbs. her best day. The dam also has a 40 lb. sister.

Dr. Heslop's consignment is headed by a son of the former Canadian champion three year old and mature cow, Lakeview Dutchland Artis, the first cow in the Dominion to make over 43 lbs. butter in seven days. His sire is a son of the wonderful 36 lb. cow, Lulu Keyes, which gives him an average for his two nearest dams of 39.55 lbs. butter, 719.2 lbs. milk. Dr. Heslop is also consigning a 30 lb. junior four year old daughter of Lakeview Dutchland Artis, and two other heifers with records above 31 lbs., these being the junior three year old, Lakeview Dutchland Segis De Kol with 31.24 lbs. butter, 639.7 lbs. milk, and the world's champion first calf two year old, Lakeview Dutchland Calamity Rose, with 31.71 lbs. A son of this wonderful heifer is consigned by Wm. Cox.



ZARILDA CLOTHILDE 3d DE KOL
A Canadian product. Famous as the first cow of the breed to complete a 30,000-lb. strictly official record.



JEMIMA JOHANNA OF RIVERSIDE
Canada's second 30,000-lb. cow and oldest 30,000-lb. cow of the breed.

From the foregoing it will be seen that breeders from Canada appreciate the opportunity that is offered them in the reciprocity arrangements completed by the Executive Boards of the two Associations, subject to ratification by the membership. The idea met with enthusiastic approval at the annual meeting of the Canadian Association, and will be acted upon at the coming meeting of the Holstein-Friesian Association of America at Philadelphia.

Dead Right

"Here lies the body
Of William Jay.
Who died maintaining
His right of way.
He was right
As he sped along,
But he's just as dead
As if he'd been wrong."

SMASHED!!

May Echo Sylvia

The Greatest Milk Producing Cow of the Breed——

Repeats a World's Milk Record

Two years ago this great cow astonished the livestock world with

152.1 lbs. in 1 day
1005.8 lbs. in 7 days
4102. lbs. in 30 days
11,702.8 lbs. in 60 days
12,899.8 lbs. in 100 days

She now repeats her great world's record breaking performance by making at 10 yrs. of age:

140. lbs. milk in 1 day
959.1 lbs. milk in 7 days
3898.5 lbs. milk in 30 days

and is making a sixty-day test in the same proportion and has only a few days to go. Her records for five successive years give her five records over 33¾ lbs. butter and all over 750 lbs. milk and the five average:

Milk 7 days 892.1
Milk 30 days 3501.0
Butter 7 days 36.95
Butter 30 days 152.7

A bull calf from her is consigned to the Moyer sale at Philadelphia in June, as are three grandsons.

HER SON TO BE SOLD In the Moyer National Sale

Also Three Grandsons

You never before had an opportunity to buy such a bull!

Breeders have paid from $10,000 to over $100,000 for bulls but never have they obtained a calf like

KING VALDESSA PONTIAC SYLVIA
(The greatest calf of all time)

Here is a youngster, now about six months old, that will surely be the history making bull of the future. Imagine heading your herd with a son of a cow that has four times given over 800 lb. milk—twice over 950 lb. milk and once over 1000 lb.!!! **YOU GET THAT BULL IN THIS FELLOW.** Dam, grandam and great grandam **ALL 700-LB. COWS.** The sire's dam the first 40-lb. heifer—the sire's grandam, the first 40-lb. cow and the sire's third dam the first 44-lb. cow. **THE BREED NEVER BEFORE KNEW OF SUCH A COMBINATION.**

His brother from the same dam sold last year for $106,000. This fellow is just as great an individual and better bred on the sire's side. **WHAT IS HE WORTH?** A fortune to the man or syndicate with the courage to buy at their own price **THIS GREATEST CALF OF ALL TIME.**

His dam with over 41 lb. butter and 1000 lb. milk, the only 1000-lb. cow. She and her full sister the two greatest full sisters in the world—her son the highest priced animal in the world—she with her dam and grandam, constituting the first combination of three direct generations of 700 lb. dams. Think! Of the **FIVE RECORDS** of May Echo Sylvia averaging almost 900 lb. milk in 7 days and over 3500 lb. for a month—an average daily production of 116 lb.

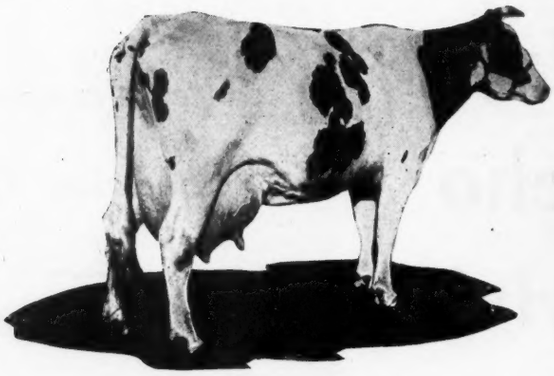
In the same sale you will buy three of her grandsons, two from a 36-lb. daughter of a two times 37-lb. cow and the other from a 27-lb. daughter of a 36-lb. daughter of a 37-lb. cow. If you want milk production year after year—buy the May Echo blood.

AVONDALE FARM — Brockville, Canada

A. C. HARDY, Owner — H. LYNN, Manager

THE AVONDALE CONSIGNMENT

A Son Of



This Famous Cow

MAY ECHO SYLVIA

Butter 7 days 7y	41.01
Butter 30 days	169.70
Butter 60 days	323.31
Butter 90 days	463.67
Butter 100 days	505.34
Milk 1 day	152.10
Milk 7 days	1005.80
Milk 30 days	4196.90
Milk 60 days	8220.10
Milk 90 days	11,855.10
Milk 100 days	12,898.80
(All world's milk records)	
Butter 7 days, 8y	37.60
Milk	852.20
Butter 7 days, 6y	36.33
Milk	874.70
Butter 10 years	35.96
Milk	954.00
Butter 7 days, 4y	33.94
Milk	759.00

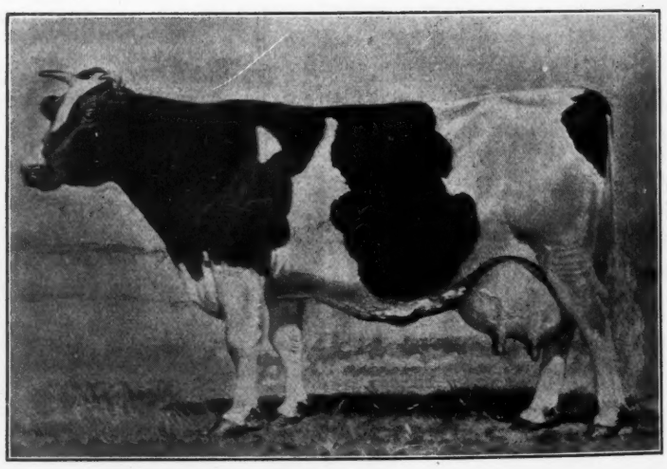
KING VALDESSA PONTIAC SYLVIA

A son of King Pontiac Valdessa and May Echo Sylvia is the outstanding feature of our consignment to the Moyer National Sale at Philadelphia, June 5-6-7.

This bull is a son of the greatest milk producing cow of the Holstein breed. May Echo Sylvia now has five records above 33.7 lbs. butter and all above 750 lbs. milk. The five average 36.-95 lbs. butter from 892.1 lbs. milk in 7 days and 152.7 lbs. butter from 3501 lbs. milk in 30 days. She is the only cow of the breed that has ever produced 1000 lbs. milk in 7 days, has twice produced over 950 lbs. and four times over 850. She with her full sister, Lawncrest May Echo, average higher for both milk and butter than do any other two full sisters in the world. May Echo Sylvia is a daughter of May Echo Verbelle, a cow that herself made over 700 lbs. milk in 7 days and produced four daughters, each of which have given over 600 lbs. The third dam is May Echo, former Canadian champion long distance cow with a record of over 31 lbs. butter from over 700 lbs. milk in 7 days. May Echo Sylvia with her dam and grandam constitute the first three generations of 700 lb. cows. May Echo Sylvia is the dam of Avon Pontiac Echo senior sire in the Carnation herd at Oconomowoc. She is also the dam of Champion Echo Sylvia Pontiac, senior herd sire at Avondale farm, and also produced Carnation King Sylvia the only bull of any breed that ever sold for $106,000 in public sale.

Her last calf is a very handsome youngster, nearly all white in color, and sired by King Valdessa Pontiac, a son of Mabel Segis Korndyke, the breed's first 40-lb. heifer. King Valdessa Pontiac is by King Valdessa, a son of the first 40-lb. cow and in turn by a son of the first 44-lb. cow. King Valdessa Pontiac Sylvia, this last son of May Echo Sylvia that goes to the national sale, is rightfully her richest bred son. He is her only son by a sire with his three near dams all 40-lb. cows.

In addition to this great son, we have also consigned three grandsons of May Echo Sylvia sired by Champion Echo Sylvia Pontiac. Two of these bulls are from a 36-lb. 4-year-old and the third is from a 27-lb. 4-year-old daughter of a 36-lb. 4-year-old.



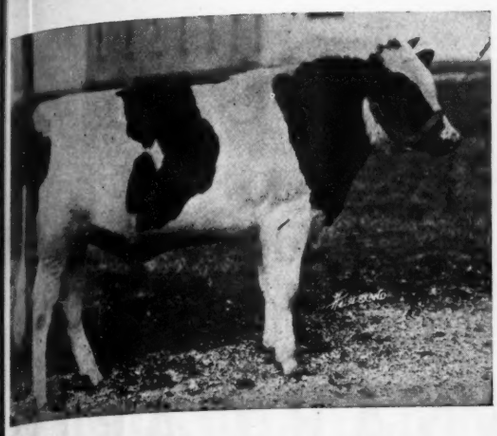
MAY ECHO VERBELLE

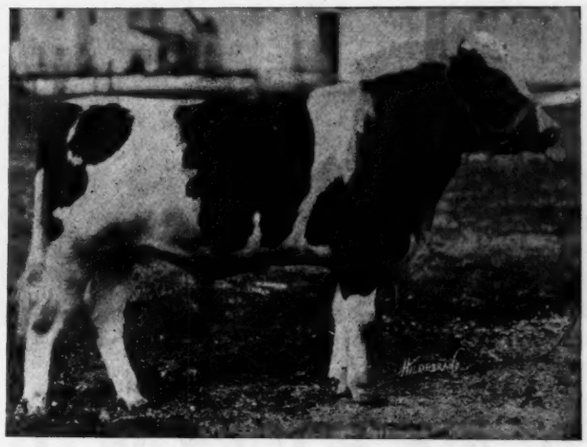
May Echo Verbelle, a cow that has produced over 700 lbs. milk in 7 days and famous as the dam of the great May Echo Sylvia.

AVONDALE FARM

A. C. HARDY, Owner

TO THE MOYER NATIONAL SALE





THESE TWINS

These two beautiful animals are sired by Champion Echo Sylvia Pontiac, a son of May Echo Sylvia by a son of the first 44-lb. cow. Their dam is Belle Model Pietje, shown below. She is by Prince Hengerveld Pietje with seven 30-lb. daughters and from Belle Model Johanna 2d that has twice made over 37 lbs. and is the dam of the sire of the $106,000 bull. Belle Model Johanna 2d and her daughter, Belle Model Pietje, are the only dam and daughter of the breed which have three records over 32 lbs. and have an average of 35 lbs. Belle Model Pietje, the dam of these bulls is one of our most valuable foundation cows. She has three daughters in our herd, one with over 27 lbs. and two not in milk. Belle Model Johanna 2d has two 32-lb. daughters and a 22-lb. 2-year-old daughter. The Belle Model and May Echo Sylvia families we consider the two most valuable families in the Avondale herd. These twin bulls are the closest representatives we have. Their four nearest dams average 39.59.

ANOTHER GREAT CALF

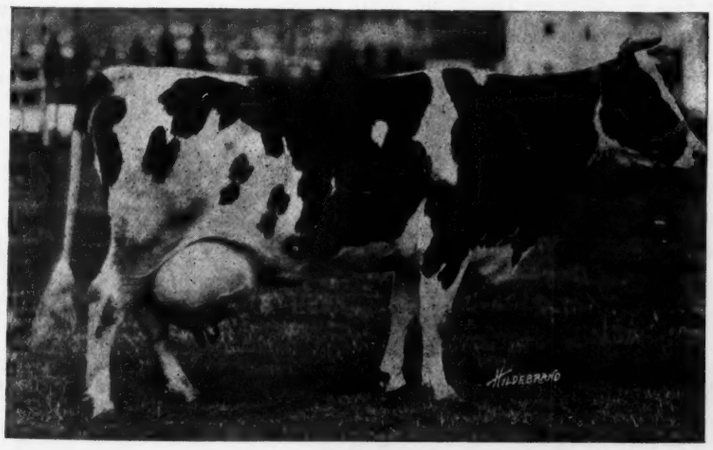
A 14-months-old son of Champion Echo Sylvia Pontiac from Belle Model Pietje 2d that is now in test with over 27 lbs. as a 4-year-old and giving every indication of increasing this figure. She is a daughter of King Pontiac Artis Canada from Belle Model Pietje that has three times made over 33 lbs., making 36.12 as a junior 4-year-old. The next dam is Belle Model Johanna 2d that has twice made over 37 lbs.

THE FEMALES

We are also consigning two very handsome daughters of Champion Echo Sylvia Pontiac and granddaughters, therefore of May Echo Sylvia. One of these calves is May Sylvia Queen, a very handsome 2-year-old heifer from a 29.6 lb. junior 2-yr-old daughter of King Pontiac Artis Canada. Her dam is now the property of John A. Bell, Jr., and is one of the valuable foundation cows in his herd. May Sylvia Queen is due to freshen ten days after the sale to the services of Avon Pontiac Echo, also a son of the great milk producer, May Echo Sylvia. This is one of the greatest heifers produced in our herd and we very much dislike to offer her, as she is a direct representative of our two famous herd sires.

Another outstanding heifer is Inka May Sylvia, a yearling granddaughter of May Echo Sylvia from Inka Sylvia 6th, a 29-lb. 4-year-old with a record of 685 lbs. milk, her best day being over 100 lbs. The two nearest dams of this calf average 842 lbs. milk in a week. Pietertje Mechthilde Walker, a very beautiful 2-year-old daughter of King Segis Walker, is also included. Blue Label Snowball, a 27-lb. 5-year-old daughter of King Pontiac from a 31-lb. dam, is another member of the consignment. She is an extremely high class young cow, five months in calf to Champion Echo Sylvia Pontiac.

This consignment is in all the very best ever sent from Avondale, representing as it does so much of the blood of May Echo Sylvia.

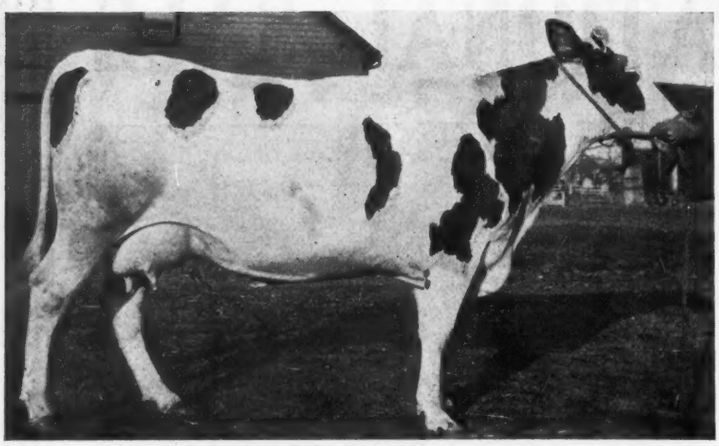


BELLE MODEL PIETJE

Belle Model Pietje, a 36-lb. daughter of Belle Model Johanna 2d, a two times 37-lb. cow. Her twin sons are in the sale.

Brockville, Canada

H. LYNN, Herd Manager



LAKEVIEW CANARY ARTIS
A 30-lb. Daughter of a 43-lb. Cow. To be sold.

Ridgedale

TO THE **MOYER**

Philadelphia, Pa.

1 LAKEVIEW CANARY ARTIS

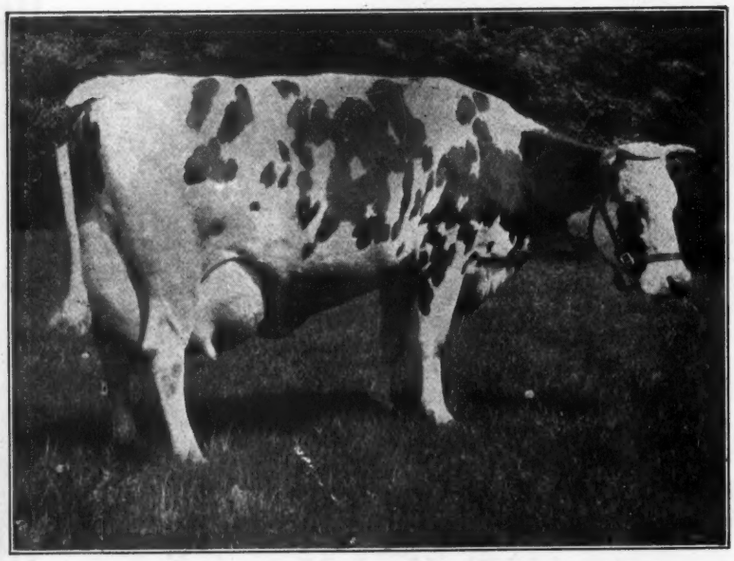
A fine daughter of the 43-lb. cow, **LAKEVIEW DUTCHLAND ARTIS**, with a junior 4-yr.-old record of

Milk ..... 617.1 **Butter** 30.31
Best day's milk.....91.7

The sire of this fine young cow is King Canary Segis whose first three daughters tested are on opposite page. This young cow will in good hands increase her record materially.

2 LAKEVIEW CANARY ARTIS 2d

A beautiful young calf sired by Dutchland Colantha Sir Mona, one of the greatest reproducing sons of the noted Field foundation sire, Colantha Johanna Lad. Sir Mona's daughters are making champions right along. He is the sire of Lakeview Dutchland Artis, Canada's former 3-yr.-old and mature champion and first 43-lb. cow, and Lakeview Dutchland Calamity Rose, world record 2-yr. old with first calf.
Milk ..... 496.9 **Butter** 31.71
Lakeview Dutchland Queen who gave over 700 lbs. milk and 34.64 lbs. butter in 7 days.



LULU KEYES
One of Canada's Greatest Cows. Her Grandson is to be sold

Look Up This Consignment for Real 40-Lb. Blood

Consignment

National Sale

June 5 - 6 - 7

LAKEVIEW DUTCHLAND ARTIS
Former Canadian Champion 43-lb. Cow. Her Son and Daughter to be sold

3 RIDGEDALE KING KORNDYKE ARTIS

A magnificent young son of LAKEVIEW DUTCHLAND ARTIS, former Canadian champion 3-year-old and mature cow.

Milk ..... 654.0 Butter 43.05
At 3 years—
Milk ..... 567.7 Butter 34.66

This grand young calf has for a grandam that great producing cow Lulu Keyes.

Milk ..... 785.4 Butter 7 days 36.05
Milk ..... 3191.8 Butter 30 days 144.4
Best day's milk ..... 121.3 Milk for 1 year at 2y 19258.4

The two nearest dams of this calf besides being considered almost perfect specimens of the breed have an average of

Milk ..... 719.7 Butter 39.55

While this calf is very young he is worth a fortune to any man and fit to head any herd in America.

4 LAKEVIEW DUTCHLAND CALAMITY ROSE

Bear in mind this is the world's record senior 2-year-old with first calf and a sister to Lakeview Dutchland Artis, Canada's former champion and first 43-lb. cow

Milk ..... 496.4 Butter 31.71

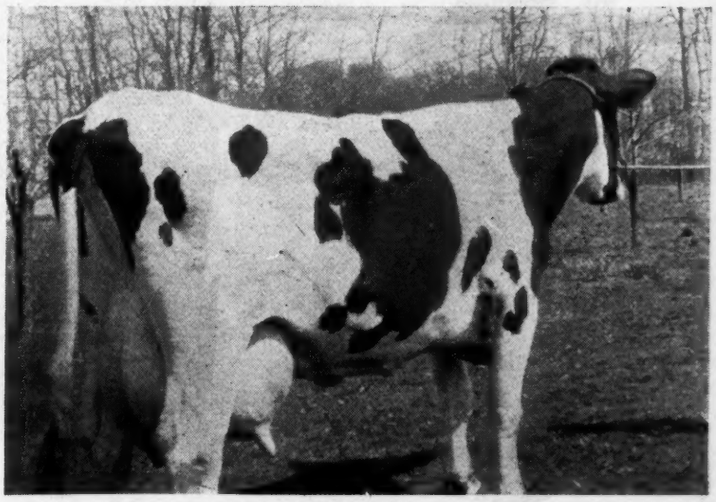
This fine heifer is in calf to King Canary Segis, a fine young sire whose first daughters are making good.

A junior 3-year-old making ..... 639.7 lbs. milk, 31.24 lbs. butter
A junior 4-year-old making ..... 617.1 lbs. milk, 30.31 lbs. butter
A senior 2-year-old making ..... 456.9 lbs. milk, 20.67 lbs. butter

DR. F. A. HESLOP

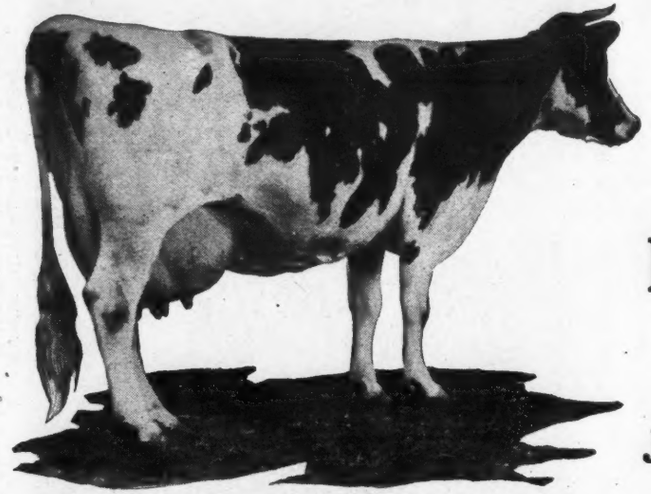
FREEMAN

Ont.



LAKEVIEW DUTCHLAND QUEEN
A 38-lb. Cow. Sister to the Dam of Two of the Animals in the Sale.

PREMIER HOLSTEINS



HELBON BEAUTY BONHEUR No. 30294

7 days milk 638.5 lbs. Butter 7 days 31.59 lbs.
Best day's milk 98 lbs.

One of our champion show cows.

A daughter of Helbon Beauty Bonheur will be sold, under test and making around 30 lbs.

Helbon Beauty Bonheur 2nd

A Good Individual Like Her Dam

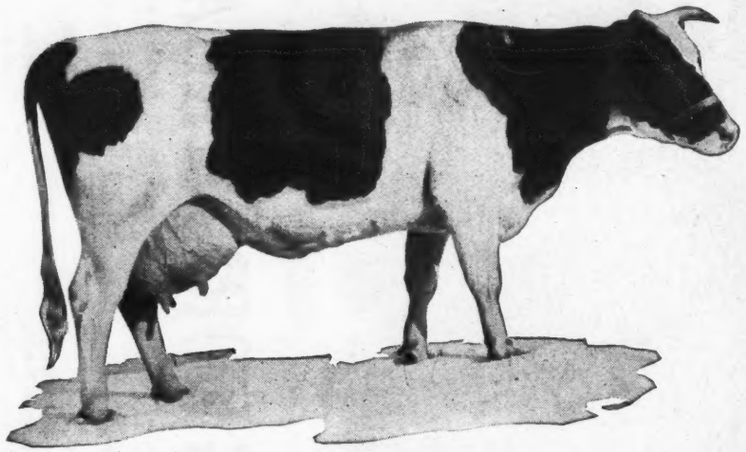
CONSIGNMENT

to the

Moyer National Sale

Philadelphia

June 5-6-7, 1919



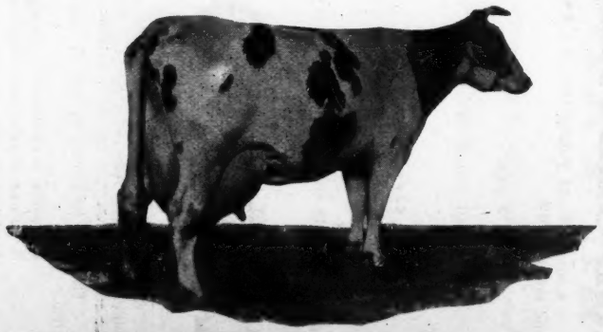
MAPLE GROVE HESSELTJE DE KOL
No. 28834

7 days milk 755.8 lbs., 30 days milk 3091.3 lbs.
7 days butter 32.79 lbs. 30 days butter 132.62 lbs.
Best day's milk 110.4 lbs.

Two daughters of Maple Grove Hesseltje De Kol will be sold. Lyons Colantha De Kol (never been tested) stood third in the 2-yr-old dry class of eighteen entries at Toronto last fall. A daughter of King Lyons Colantha.

HESSELTJE HENGERVELD OF OAK PARK

a daughter of the great show bull, Lakeview Dutchland Hengerveld 2d.



MAY ECHO SYLVIA

The only cow in the world to give over 1000 lbs. milk in 7 days.

Please mention the Holstein-Friesian World when writing to our advertisers

Winner of four championships and nev-

The only cow in the world to give over 1000 lbs. milk in 7 days.

Winner of four championships and never been beaten in the show ring on the American continent.

LAKEVIEW DUTCHLAND HENGERVELD 2d

The 20 foundation cows of this herd average 88.4 lbs. milk.

KING SYLVIA KEYES No. 28566

5 sisters average 115 lbs. of milk in 1 day

By the same sire as May Echo Sylvia, the greatest cow in the world and dam of the $106,000 bull.

ROYCROFT CLOTHILDE ECHO

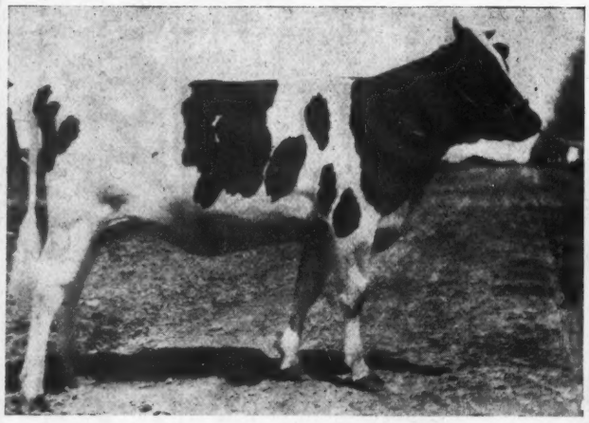
A son of the Canadian champion junior three-year-old, for butter 33.72 lbs.

Het Loo Clothilde Korndyke his dam is a sister of Het Loo Pietertje, the world's champion junior two-year-old.

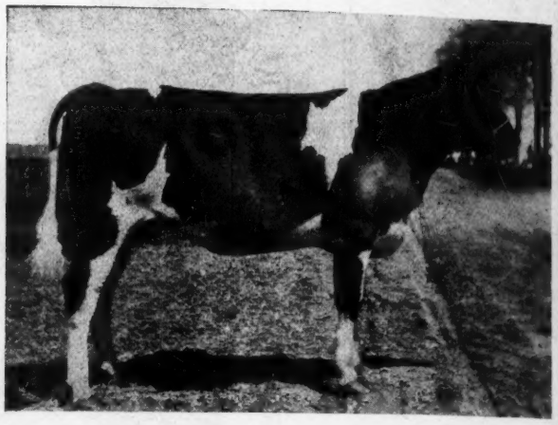
OAK PARK STOCK FARM

H. H. BAILEY - - - - PARIS, Ont., Canada

Look Up This Pair of "May Echo Twins" at the Sale



ECHO SEGIS SYLVIA



ECHO SYLVIA HARTOG

Sired By Champion Echo Sylvia Pontiac

From A 30-lb. 4-Yr.-Old Granddaughter of

KING SEGIS and PONTIAC KORNDYKE

Their Two Nearest Dams Over 127-lb. Milk in a Day

THE SIRE
Champion Echo Sylvia Pontiac

The records of his dam and sire's dam average:

Butter 7 days	42.60	Butter 30 days ...	170.6
Milk	795.9	Milk	3356.7

Champion Echo Sylvia Pontiac is the son of the famous May Echo Sylvia at the head of the A. C. Hardy herd. May Echo Sylvia is the greatest milk producing cow of the breed. She holds all milk records from 7 to 100 days and is the only cow of any breed that has produced over 1000 lbs. milk in a week. She is the only cow of the breed having four records above 850 lbs. in 7 days and two records above 950 lbs. She has five 7-day records that average over 36 lbs. butter. She is the dam of the only animal of the breed that has sold in public sale for over $100,000. She and her full sister average higher for both milk and butter in the 7-day division than any other two full sisters in the world.

Champion Echo Sylvia Pontiac is sired by Spring Farm Pontiac Cornucopia, a son of K P Pontiac Lass, the first 44-lb. cow of the breed and holder of all world's butter records from 7 to 100 days when made. The sons and daughters of Champion Echo Sylvia Pontiac are in demand by all of the greatest breeders and the development this great sire is sure to have in the Avondale herd will eventually place him among the foremost sires of the breed.

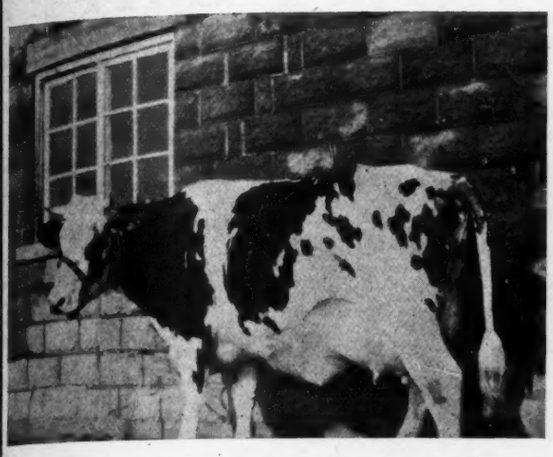
THE DAM
Korndyke Segis Hartog

This heifer as a junior 4-year-old made nearly 31 lbs. butter in 7 days and 125 lbs. in 30 days. She was giving over 100 lbs. milk a day 40 days after freshening and was handled during her record by an inexperienced man. When she reaches maturity, we have every reason to believe she will cross the 40-lb. mark. She is a granddaughter of both Pontiac Korndyke and King Segis. 25 per cent of all her sisters that have been tested have made from 30 to 35 lbs. butter and all have produced over 100 lbs. milk in a day. Her dam is a sister to Lady Perfection Korndyke with a record of over 40 lbs. in 7 days and over 1000 lbs. butter from over 27,000 lbs. milk in a year.

This is one of the very greatest pair of heifers ever sent from the Dominion of Canada. Their individuality speaks for itself. Their sire and dam are two of Canada's best known animals. They have strong constitutions, are very beautiful individuals with straight top lines and backed by a world of breeding—40-lb. records on both sides. Another important thing not to be overlooked is that they are northern grown—Canadian grown—where the champions are bred and raised. Don't miss them.

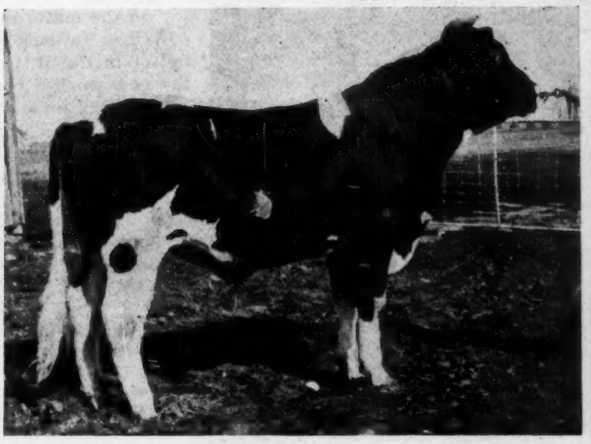
LEAVENS & PURTELLE Bloomfield, Ontario

A BUSINESS PROPOSITION



LAKEVIEW DUTCHLAND CALAMITY ROSE

Butter 2 years 31.71
Milk 496.00
(World's record first calf two-year-old).



KING SEGIS COLANTHA CHAMPION
A son of the World Record first calf 2-year-old

No industry in the world can compare in economic importance to our agriculture, and the permanence and efficiency of our agriculture depends directly upon the number and quality of our livestock. By actual economic tests the Holstein cow has proven beyond a doubt that she is the most efficient farm animal known to man, thus making her the most important factor in all the economic world. For this reason there is at present, AND ALWAYS WILL BE, an unlimited demand for the very best specimens of the Holstein breed. No investor in Holstein cattle has ever failed to make large dividends on his investment providing he bought THE BEST. Holstein cattle, properly managed, pay a good dividend on the capital invested by the milk they produce and by judicious breeding even the capital itself can be doubled each year, providing one breeds to THE VERY BEST.

Of all Holstein cows, LAKEVIEW DUTCHLAND CALAMITY ROSE—who holds the world's butter record for two-year-old with first calf—has made the best showing, age considered. The record of the great cow Albina Josie, of 33 lbs. butter at 4 years 4 months of age, is hardly to be compared to that of this great heifer with her record of almost 32 lbs. at 2 years, 8 months of age. The fact that she has a 43-lb. sister and another sister with 34 lbs. and that she is a granddaughter of the unbeaten Colantha Johanna Lad, sire of 27 daughters with over 600 lbs. of milk in 7 days, proves that her great record was not an accident but the result of the very best of breeding.

KING SEGIS COLANTHA CHAMPION, consigned to the National Sale is a son of this unbeaten heifer. We want you to examine this bull's breeding carefully on his sire's side. A full sister of his young sire, King Canary Segis (Lakeview Canary Countess) now in the herd of Mr. A. C. Hardy, Brockville, Canada, has made a record at three years of 31.46 lbs. butter in 7 days, with a test of over 5 per cent butter fat, thus not only his dam but a heifer carrying the full blood of his sire have both tested over 5 per cent. The dam of King Canary Segis still holds Canadian 3-year-old record of 17.55 lbs. of butter made 13 months after calving. Among the famous sires in his pedigree we find King Segis, Sir Johanna Nig, King of the Pontiacs and two crosses of Pontiac Koradyke himself. No sire in the pedigree of King Segis Colantha Champion on either side for four generations has failed to beget a 30-lb. cow.

1. Bear in mind the 8-months-after-calving records on both sides of his pedigree.

2. Bear in mind that both his dam and his sire's full sister test over 5 per cent.

3. Bear in mind the type of his dam and her squarely formed well developed udder; the most important consideration in choosing a bull to sire the future matrons of a herd.

4. Bear in mind this youngster's unsurpassed individuality and masculinity, not one of the proven transmitting sires of history lacked masculinity; in fact they were all outstanding bulls in this respect. Excessive masculinity is the outward and visible sign of the inward grace of prepotency. We believe that King Segis Colantha Champion surpasses all other bulls in this decisive quality. His picture absolutely untouched, taken at 13 months, 3 weeks, proves our contention.

Considering the primary importance of our agriculture, the world's greatest industry, and the undisputed reliance placed by this vital industry upon the Holstein breed one must unquestionably consider KING SEGIS COLANTHA CHAMPION with his faultless and unbeaten ancestors and the evidence he carries of unsurpassed prepotency, one of the greatest individual factors in the modern economic world.

Consigned to the National Sale by Wm. Cox

HAMILTON, CANADA

Canadian Holstein Notes

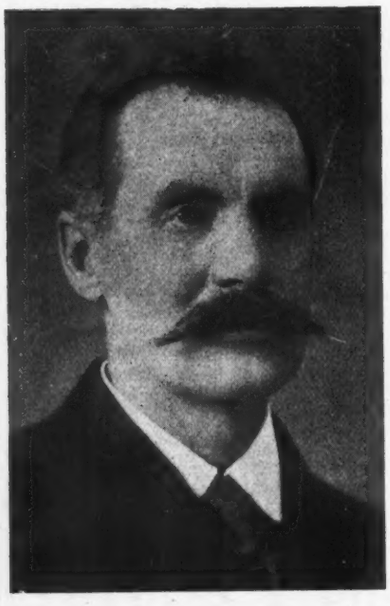
By Walter J. Fairweather

W. A. CLEMONS

It was the final O. K. of W. A. Clemons, Secretary of the Canadian Register of Merit that made possible the only 51-lb. cow in the world. Since 1913 when he became Secretary he has placed his stamp of acceptance on a large number of records for both milk and butter that have figured very largely in many of the history making events in both Canada and the United States.

J. A. RETTIE

Mr. Rettie, a director in the Canadian Assn., is directly responsible for some of the greatest milk producing strains in Canada and the United States. He bred and developed Alta Posch, the first 27-lb. 2-year-old and prominently represented as a grandam in the pedigrees of May Echo Sylvia, Ormsby Korndyke Lad, Rolo Mercena De Kol, etc.



The Record of Merit reports just received from the secretary, W. A. Clemons, shows that 111 cows and heifers have qualified during the last half of April. This list closes the year as far as the year book is concerned, and when it is placed in the hands of the breeders it will contain a number of new champions for the world and Canada.

In the mature class we find that 27 qualified, the first eleven making 25 lbs. of butter or better, which goes to show that the Canadian breeder is doing better in the R. O. M. test all the time. The outstanding cow in this list is the new world's champion, Rolo Mercena De Kol, with the wonderful record of 738.9 lbs. of milk and 51.93 lbs. butter for 7 days, and 2930.6 lbs. milk and 201.17 lbs. butter for 30 days (both world's records), and her 60 day record was 5699.7 lbs. milk and 342.58 lbs. butter. She is owned by J. B. Hanmer, Norwich. A full account of this wonderful record has already appeared in the World. Second place went to the same owner with 628.7 lbs. milk and 31.65 lbs. butter from Elva Lassy. This popular young owner has come to the front in the Holstein world with a bound, and may we hope to report many more good records from this herd. In the third place we find another one that has passed the 30 lb. mark, viz Violet Wilhelmine De Kol, with 647.9 lbs. milk and 31.37 lbs. butter, owned by Robertson Bros., Napanee; while Johanna Mercedes of Riverside comes a close fourth with 678.2 lbs. milk and 31.27 lbs. butter. She is owned by the estate of the late W. G. Bailey, Paris. In the first place we find yet another 30 lb. record, made by Edgemond Pride, and owned by E. E. Muvihead, another young breeder of Holsteins who is getting into the game, her record being 577.6 lbs. milk and 30.09 lbs. butter. The next two passed the 29 lb. mark, and then a couple of 28 lb. records.

In the senior four year returns we find that 10 qualified, first place going to May Echo Lyons Twice, with 520.3 lbs. milk and 26.57 lbs. butter owned by A. C. Hardy; J. Peel of Port Perry comes second with 25.43 lbs. butter from 541.8 lbs. milk from Victoria Johanna; and third we find W. H. Cherry, Haggonville, with Belle Tensen Posch, who gave 510.4 lbs. milk and 24.17 lbs. butter.

In the junior four year class we find that well known breeder, A. C. Hardy, heading the list with another 30 lb. record with Belle Model Pontiac, who gave 623.5 lbs. milk and 32.28 lbs. butter. Her 30 day record was 2647.4 lbs. milk and 130.69 lbs. butter. D. Raymond of Vandbrenil comes second with 22.22 lbs. butter and 485.5 lbs. milk from Raymondale Queen Pietje; and J. W. Richardson, Caledonia, takes third place with 21.80 lbs. butter from Polly Korndyke 2d.

The senior three year class goes to J. B. Hanmer, Norwich, with 37.86 lbs. butter and 575.9 lbs. milk from Elva Spofford. This is a new Canadian champion for her class. She replaces Lakeview Dutchland Artis, who made 34.66 lbs. butter for 7 days. Her 30 day record is 2219.1 lbs. milk and 144.34 lbs. butter, Canadian record, replacing Hillcrest Pontiac Rauwerd, who made 135.04 lbs., a gain of nearly 10 lbs., which will be hard to beat. I might mention here that this heifer and the world's champion are both consigned to the Moyer National sale. Woodcrest Pietje Artis with 25.23 lbs. butter and 503.1 lbs. milk, owned by A. C. Hardy, takes second place, and Riverside Beauty Pontiac, owned by the estate of the late Mott Richardson, comes third with 22.49 lbs. butter.

In the junior three year class we find yet another 30 lb. record, viz Het Loo Sylvia, owned by W. L. Shaw, Newmarket, her record being 518.4 lbs. milk, 30.06 lbs. butter for seven days, 980.2 lbs. milk, 54.99 lbs. butter for 14 days, and 1514.2 lbs. milk and 81.16 lbs. butter for 21 days; the same owner taking second place with 25.87 lbs. and 517.4 lbs. milk from Het Loo Gretchen. Both of these heifers are daughters of that great bull Pontiac Korndyke Het Loo, who is leaving a fine lot of heifers behind him. Clover Hill Lyons Imperial is third with 24.60 lbs. butter and 587.6 lbs. milk, owned by the Lincoln County Industrial Home, St. Catherines.

In the senior two year class we find 12 to qualify, the leader being Lula Segis Alcartra with 494.4 lbs. milk and 23.17 lbs. butter, owned by E. B. Bloomfield the same owner taking second place with Keyes Segis Alcartra with 540.4 lbs. milk and 21.92 lbs. butter. C. R. James, Richmond Hill, comes third with 20.92 lbs. butter and 408.7 lbs. milk from Lilly Burke Champion.

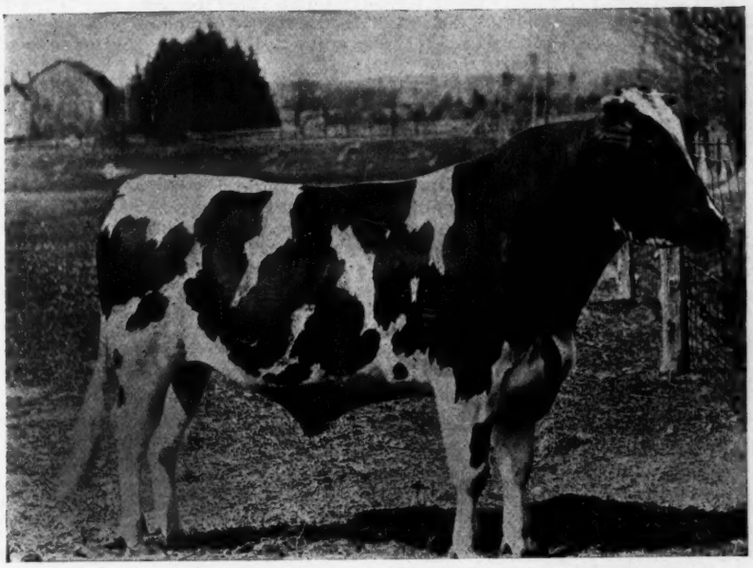
The junior two-year-class has 22 who qualified. W. H. Cherry heads the list with 22.84 lbs. butter and 426.5 lbs. milk from Elmcrest Ormsby Fayne, and Leilla De Kol Walker with 20.47 lbs. butter and 417.1 lbs. milk, owned by A. C. Hardy, comes second, the same owner running a close third with 20.21 lbs. butter and 528.9 lbs. milk from Mechthilde Korndyke Walker.

We find in this report that besides a new world's champion and a new Canadian champion, six records of over 30 lbs. and very high returns for milk. It must be gratifying to the breeders that such good milk records have been shown along with the high records for butter, and when you consider that the world's record was made 60 days after freshening, it will go a long way to increase confidence taken in the 7 day test.

In the records made at least 8 months after calving, we find that great cow, Jemina Johanna of Riverside, owned by W. C. Houck, Chippawa, with the great record of 6388.3 lbs. milk and 287.16 lbs. butter for 90 days. This cow has just completed her yearly record, which will be published as soon as she has freshened, which is in the rules of the yearly work for Canadian breeders. I would like to see more records made at 8 months after calving, as I consider that record along with her 7 day record gives a true producing value of any cow, and is

THIS FLASHY YOUNGSTER

From A 29-lb. 3-Yr.-Old



KORNDYKE GEISKE RAYMONDALE

Consigned to the National Sale

Philadelphia, Penna. **June 5-6-7**

THE BULL selected by H. A. Moyer is the outstanding individual of our whole herd. We never owned a more attractive youngster than this bull.

LOOK AT HIS PICTURE Did you ever see a more handsome or more beautifully marked bull than he is? Look at the style, the smoothness of outline, the straight legs, the beautiful head and neck, the straight back, the even depth of his body—absolutely faultless as an individual and bred good enough to head the best herd in the world. He handles most pleasingly, has a skin like velvet and in every way is one of the very greatest animals that will be sold in the Philadelphia sale. He is just past 2 years of age and is unusually well grown.

HIS BREEDING His dam is Raymondale Geiske that as a junior -year-old made 25.27 lbs. butter, came back as a junior 3-year-old and made 29.06 from 616 lbs. milk and was going at a 35-lb. rate when an accident prevented her from completing a record above 29 lbs. She is considered by many breeders to be the best daughter of Pontiac Korndyke Het Loo (a son of Pontiac Korndyke) who sired Het Loo Clothilde Korndyke, the Canadian champion junior 3-year-old, Het Loo Pietertje, world champion 30-lb. junior 2-year-old, Het Loo Sylvia, another 30-lb. junior 2-year-old and several other 25 and 26 lb. 2 and 3-year-olds. Raymondale Geiske is a very beautiful individual, has a very fine, evenly balanced, well-carried udder with teats nicely placed, and is a most ideal dam for any herd sire. She, in turn, is from Woodcrest Pietje Geiske, a daughter of Pietje 22d's Son from Geiske 2d, one of the best cows ever imported from Holland.

HIS SIRE is Avon Pontiac Echo, a son of King Pontiac Artis Canada from the famous May Echo Sylvia, the only cow of the breed to produce 1000 lbs. milk in 7 days and champion milk producing cow for 7, 30, 60, 90, 100 days. She is also the only cow that has made four records above 850 lbs. milk or two records above 950 lbs. milk. She is famous as the dam of Carnation King Sylvia, the bull that sold for $106,000, and also as the dam of Champion Echo Sylvia Pontiac, that heads the herd of A. C. Hardy. King Pontiac Artis Canada, the sire of Avon Pontiac Echo is one of the best proven sons of King of the Pontiacs, being from Pontiac Artis, the only 1000-lb. long distance daughter of Hengerveld De Kol. Avon Pontiac Echo now has a number of good record daughters that have made from 20 to 22 lbs. as 2-year-olds. He is in service in the Oconomowoc branch of the Carnation Stock Farms herd where he will be offered a greater opportunity than ever before. Remember, it is Avon Pontiac Echo crossed with what we believe to be the best daughter of Pontiac Korndyke Het Loo that produced Korndyke Geiske Raymondale, the bull that you will buy.

A SUMMARY His two nearest dams average over 35 lbs. butter from over 810 lbs. milk in 7 days. He is a brother to the sire of the only $106,000 calf. He is sired by a son of the only cow in the world to produce 1000 lbs. milk in 7 days. His dam is the best individual daughter of Pontiac Korndyke Het Loo. She is a sister to three 30-lb. cows—she is a sister to the world champion junior 2-year-old—her dam is by the best son of the best cow ever imported from Holland. His sire is by the best proven son of King of the Pontiacs. The bull himself will compare favorably as an individual with the best animal ever sent from Canada into the United States.

You can buy him at Philadelphia absolutely at your own price.

If you buy him, you will own a bull qualified to enter any show ring and win. You will own a bull that stands for the very best Canada has thus far been able to produce. Do not miss him. Watch for him. **Buy him!**

SHERRICK BROS. **Bethesda, Ont., Canada**

A. C. HARDY
Breeder of the highest priced bull in the world and widely known as the owner of May Echo Sylvia, one of the most sensational cows of the breed.

Testing in New Zealand

The New Zealand Journal of Agriculture, received by this office some time ago, brings out a few interesting facts in a comparison of the work of Jerseys with that of Holsteins, or as they are called in New Zealand, Friesians.

In New Zealand, as many of our readers know, long time rather than short time testing is emphasized. During the year 1918 over 1000 certificates of record were issued, which means that over 1000 cows that had never been tested before were tested this year. In addition 108 repeat certificates were issued to cows which had previously made C. O. R. records.

In respect to the numbers tested, the Jersey cow holds the lead in New Zealand. During the past year there were 113 Jerseys given new records and 8 repeaters, as compared with 57 new Holstein records and 14 repeaters. When we come to consider average size of records, however, we find that, as usual, the Black and White cow leads. It will be seen that the average of the 26 mature Jerseys tested was 475.26 lbs. fat from 8604.01 lbs. butter, whereas the Friesians tested average 528.14 from 14,600.40 lbs. of milk. This shows that the Friesians beat their little competitors by considerably over 50 lbs. butterfat

(Continued on page 146.)

just as reliable if not more so than the yearly test for getting at the true value and merits of any cow or heifer. There is good prize money waiting for breeders in this test, but few seem to be willing to take it up.

In the semi-official record of performance for Holstein cows, we find during the month of April that 17 cows and heifers qualified. In the mature class Lady Johanna Dewdrop leads with 17,029 lbs. milk and 816.25 lbs. butter, owned by Wm. Weaver, Elk Prairie, B. C., second place going to Pauline Walula 3d with 12,304 lbs. milk and 518.75 lbs. butter, owned by G. T. Corfield, Corfield, B. C. Both the leaders hail from the Pacific coast.

The four-year class has two to qualify, viz Clothilde Mercena De Kol with 13467 lbs. milk and 578.75 lbs. butter, owned by F. S. Passmore, Brantford, and Colony Beets Korndyke with 12180 lbs. milk and 562.50 lbs. butter, owned by the Colony Farm, B. C. In the three-year class only one qualified, viz Bracbarn Katinka with 12417 lbs. milk and 501.25 lbs. butter, owned by Benj. H. Thomson, Boharn, Sask.

The two-year class we find has 6 to qualify, the leader being Queenie Mantel of Greenrigg, with the good record of 16192 lbs. milk and 681.25 lbs. butter, Colony Farm, B. C., coming second with 16,755 lbs. milk and 680 lbs. butter from Colony Netherland Segis Newman.

In a letter just received from Elias Snyder of Burgessville, who by the way is a well known breeder of show ring Holsteins and has captured many prizes at Toronto, London and Guelph, is holding a consignment sale at Woodstock on May 15, when he and his neighbor, F. J. Griffin, are consigning 40 head of purebred Holsteins, including three head from the herd of J. B. Hanmer. In looking over the bunch, we find several prize winners being offered, and those who are looking for something good to show at the coming fall exhibitions should make a point of attending this sale. Mr. Snyder is consigning his 16 months old bull, Sir Francy Netherland Abbekerk, 1st and junior champion at Toronto and London last fall, and 1st at Guelph. His five nearest dams average 30.02 lbs. His weight at 16 months is 1430 lbs. The females are prize winners and have made some good records.

OFFICIAL RECORDS OF HOLSTEIN-FRIESIAN COWS
From April 16th to 30th, 1919

Mature Class

No. and Name of cow	Owner	Age y.	m.	d	Milk lbs.	Fat lbs.	But.lbs 80% fat
1. Rolo Mercena De Kol, 30313,	J. B. Hanmer, Norwich, Ont.	5	6	15	738.9	41.54	51.93
30-day record					2930.6	160.94	201.17
60-day record					5699.7	274.06	342.58
2. Elva Lassy, 17255,	J. B. Hanmer, Norwich, Ont.	8	8	22	628.7	25.32	31.65
14-day record					1233.6	46.99	58.74
3. Violet Wilhelmine De Kol, 28775,	Robertson Bros., Napanee, Ont.	5	10	8	647.9	25.09	31.37
4. Johanna Mercedes of Riverside, 10858,	Estate of W. G. Bailey, Paris, Ont.	10	2	26	678.2	25.01	31.27
14-day record					1303.6	48.56	60.70
5. Edgemont Pride, 17403,	E. E. Muirhead, Newmarket, Ont.	8	2	4	577.6	24.07	30.09
6. Helena Keyes, 9907,	A. D. Foster, Bloomfield, Ont.	10	10	12	599.3	23.71	29.64
30-day record					2607.6	96.90	121.13
60-day record					5086.5	183.44	229.30
7. Zarilda Clothilde 3rd De Kol, 14887,	Colony Farm, Essondale, B. C.	8	10	19	818.6	23.24	29.05
8. Helena Keyes Posch, 21376,	Dir. Exper. Farms, Ottawa, Ont.	6	8	23	690.0	22.57	28.22
30-day record					3059.5	93.05	116.32
9. Alice Tensen's Canary, 25785,	Joseph Peel, Port Perry, Ont.	5	9	26	631.5	22.56	28.21
10. Pontiac Lady Waldorf, 30672,	A. C. Hardy, Brockville, Ont.	5	0	2	523.8	21.21	26.52
30-day record					2211.3	84.40	105.51
11. Segis Mercena Posch, 27565,	L. F. Bogart, Napanee, Ont.	5	11	29	693.3	20.01	25.02
14-day record					1346.7	38.96	48.70
12. Helen Mercedes De Kol, 22292,	Lincoln County Industrial Home, St. Catharines, Ont.	7	1	21	567.0	18.13	22.67
14-day record					1088.0	34.40	43.01
13. Inka Sylvia Walker Segis, 33007,	Wm. Cox, Hamilton, Ont.	5	0	21	411.1	17.97	22.47
14. Queen Wayne De Kol 2nd, 39183,	John A. MacTavish, Shedden, Ont.	9	9	17	387.9	17.82	22.28
15. Prim Jewel, 28761,	Estate of D. O'Mahony, Simcoe, Ont.	7	1	13	606.9	17.64	22.05
16. Josephine Alexandria Lady, 17457,	M. J. McKay, Cornwall, Ont.	8	10	7	463.5	16.85	21.07
17. Katie Tensen, 21936,	Wm. E. Mason, Simcoe, Ont.	7	0	29	478.1	16.55	20.69
18. Perrina Faforit Butter Girl, 20437,	Michael A. Arbogast, Sebringville, Ont.	7	0	24	457.9	16.11	20.15
19. Lily De Kol Posch, 20193,	E. D. Hilliker, Burgessville, Ont.	7	9	8	485.6	15.72	19.66
20. Jean Posch Mercedes, 22662,	Wm. E. Mason, Simcoe, Ont.	7	0	10	458.8	15.64	19.55
21. Faforit Segis Beauty, 20181,	R. H. Davies, Oak Ridges, Ont.	7	1	18	456.6	14.77	18.47
22. Bertha Mechthilde Pietertje, 32051,	Wm. J. Tinning, Carlingford, Ont.	5	0	20	403.2	14.70	18.38
23. Cornelia Segis Cornucopia, 29014,	Ross Smith, Oxford Centre, Ont.	5	11	16	517.3	14.70	18.37
24. Susan Pietertje Calamity, 19470,	E. D. Hilliker, Burgessville, Ont.	7	10	21	433.1	14.61	18.27
25. Queen Pontiac Myers, 22171,	J. P. Forester, Gormley, Ont.	7	2	4	510.4	14.60	18.25
26. Princess Pauline Wayne, 14783,	Albert Tattersall, Mt. Elgin, Ont.	9	1	19	471.9	14.16	17.70
27. Daisy Gerben Verbelle, 22975,	James A. Caskey, Madoc, Ont.	7	1	9			
30-day record					2391.0	88.05	110.07

Senior Four-Year Class

1. May Echo Lyons Twice, 32215, A. C. Hardy, Brockville, Ont.	4	10	6	520.3	21.25	26.27
30-day record				2206.6	88.61	110.76
2. Victoria Johanna, 33828, Joseph Peel, Port Perry, Ontario,	4	11	24	541.8	20.34	25.43
3. Belle Tensen Posch, 36305, W. H. Cherry, Hagersville, Ont.	4	8	16	510.4	19.33	24.17
4. Rosa Lee Plus De Kol, 29592, W. T. Fritz, Brighton, Ont.	4	11	20	500.9	19.29	24.12
5. Violet Midnight Elda, 34098, Robertson Bros., Napanee, Ont.	4	11	16	513.5	18.09	22.61
6. Flora Mercena Segis, 33723, L. F. Bogart, Napanee, Ont.	4	11	14	535.0	16.76	20.96
7. Victoria Isabelle Burke, 30769, Ernest C. Chapman, Brighton, Ont.	4	11	5	525.1	16.24	20.31
8. Countess Hengerveld Beets, 36493, C. R. Dyke, Unionville, Ont.	4	6	26	479.2	14.96	18.71
9. Lady Veeman Belinda, 30539, Neil McGugan, Shedden, Ont.	4	10	18	449.6	14.26	17.83
10. Princess Colantha Calamity, 33058, Roy Nevill, Straffordville, Ont.	4	11	9	383.6	13.20	16.50

Junior Four-Year Class

1. Belle Model Pontiac, 32345, A. C. Hardy, Brockville, Ont.	4	2	13	623.5	25.82	32.28
30-day record				2647.4	104.55	130.69
2. Raymondale Queen Pietje, 39159, D. Raymond, Vaudreuil, Que.	4	1	15	485.5	17.77	22.22
3. Polly Korndyke 2nd, 38554, J. W. Richardson, Caledonia, Ont.,	4	2	27	457.5	17.44	21.80
4. Colony Vrouka Segis, 36019, Colony Farm, Essondale, B. C.	4	0	2	442.8	17.36	21.70
30-day record				1925.5	69.22	86.53
5. Lady Akkrum Korndyke, 43886, L. F. Bogart, Napanee, Ont.	4	1	29	555.1	17.35	21.69
6. Baroness Belle Fayne, 40181, M. L. Haley, Springford, Ont.	4	1	14	525.6	16.49	20.61
7. Penrose Walker, 36058, Albert Tattersall, Mt. Elgin, Ont.	4	0	8	508.9	16.12	20.15
8. Bessie De Kol Beauty, 36599, W. H. Cherry, Hagersville, Ont.	4	4	1	365.2	14.43	18.04
9. Linda Calamity De Kol, 38469, Wm. J. Tinning, Carlingford, Ont.	4	0	13	456.2	13.67	17.09
10. Julia Canary Posch, 38938, M. L. Haley, Springford, Ont.	4	0	27	317.0	12.37	15.47

Senior Three-Year-Class

1. Elva Spofford, 60694, J. B. Hanmer, Norwich, Ont.	3	10	14	575.9	30.29	37.86
30-day record				2219.1	115.47	144.34
2. Woodcrest Pietje Artis, 36620, A. C. Hardy, Brockville, Ont.	3	8	11	503.1	20.18	25.23
30-day record				2013.4	78.47	98.09

(Continued on page 146.)

DUTCHLAND COW MAKES 36 LBS.

Editor Holstein-Friesian World:

You will be interested to know that since writing you, Dutchland Rag Apple Olive, who is a daughter of Dutchland Sir Pontiac Rag Apple from Dutchland Colantha Schuilling, has further increased her record.

In the last seven days she has 36.01 lbs. butter from well over 600 lbs. milk, and she is still gaining. The last day's test was 92.4 lbs. milk and over 5.5 lbs. butter.

She is a three-fourths sister to Rag Apple Aaggie Colantha, that made 41 lbs. from over 700 lbs. of milk, and both are three-fourths sisters to our Dutchland Creamelle Korndyke Lad herd sire.

It is naturally very pleasing to us to have this particular nick in breeding show such remarkable results, that is Rag Apple daughters from Colantha dams.

The dam of Dutchland Rag Apple Olive was one of the first daughters of Colantha Johanna Lad to go over 700 lbs. of milk in 7 days, milking as high as 112.7 lbs. in one day. She will be remembered as the 24th daughter of Colantha Johanna Lad to cross the 30 lb. mark, and is a cow that is rich in the blood of the new 51-lb. cow.

Fred F. Field Holstein Co.,
Brockton, Mass.

Why Not From Canada?

A 4-months-old son of Helena Keyes, 29.64 at 10 years. Butter 30 days 121.27. Butter 60 days 229.30. She is also the dam of a 32.01-lb. cow and a 28.61-lb. cow. Her sire is a brother to May Echo, 31.34, who is the grandam of May Echo Sylvia, dam of the $106,000 bull. Her dam is champion of the world for milk production in 7 days at 15 years and in turn is sired by old De Kol 2d's Butter Boy.

This calf is sired by Sir Sadie Korndyke Segis, who is by King Segis De Kol Korndyke. He is, therefore, a brother to Mabel Segis Korndyke, 40.32 at 4 years. His dam is Sadie Cornucopia Mignone, 33.37, 134.4 in 30 days, two other records above 30 lbs. She is by Sir Sadie Cornucopia, a son of Sadie Vale Concordia, 30.67 and Aaggie Cornucopia Johanna Lad, 106 A. R. O. daughters.

One of Helena Keyes' sons now heads Oak Park Stock Farm, one of Canada's leading herds.

Why not head yours with this one?

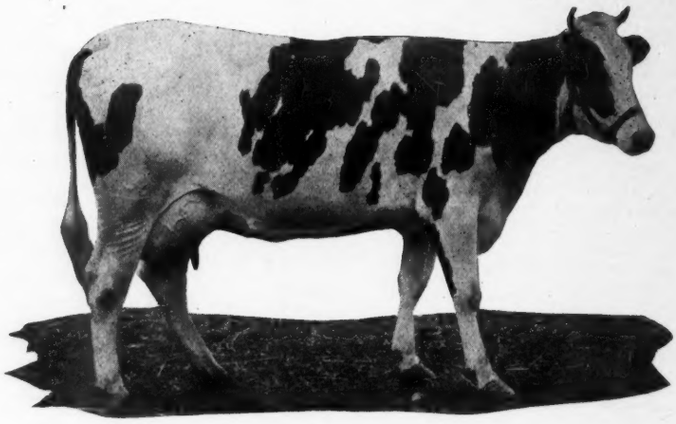
Helena Keyes is the foundation cow of our new herd. We own all of her maternal descendants.

Write for chart and price.

A. D. FOSTER & SONS Sunnydale Farm

BLOOMFIELD, ONTARIO, CANADA

The WORLD CHAMPION 3-YR-OLD



ELVA SPOFFORD

ELVA SPOFFORD	Butter.	Milk
Butter 7 days (Canadian Champion 3-year-old.)	37.91	575.9
Butter 30 days (World's Champion 3-year-old.)	144.67	2268.

Within the past ten days Elva Spofford has completed her 30-day record which makes her champion senior 3-year-old of the world. She is a daughter of Elva Lassie that has recently made 31.67 lbs. butter from 628 lbs. milk in 7 days, giving 101.9 lbs. her best day.

With this world champion heifer we are consigning her youngest daughter. They are a pair of outstanding individuals, backed by wonderful records and stand for the best that Canada has been able to produce.

ELVA LASSIE

Butter ..... 31.67. Milk ..... 628.7. Best day ..... 101.

Elva Lassie is the dam of the Canadian Champion, Elva Spofford. In addition to her 37-lb. daughter, we are consigning with her her youngest daughter, making a total of four female members of the Elva Lassie family. They are all big, straight, handsome individuals and a credit to the breed.

All of THESE WONDERFUL ANIMALS

This consignment of six animals is the greatest ever sent from any farm to any sale in the world—a world champion cow and her daughter—a 37-lb. world champion 3-year-old and her daughter—a 31-lb. dam of a 37-lb. 3-year-old and her daughter. Breeders of Canada and the United States should not overlook the opportunity of introducing the blood of these great animals into their herds.

Only one of you can own the 51-lb. cow but every one can attend the sale and see her. Don't miss the greatest Holstein event of all times.

The CHAMPION COW of the WORLD

ROLO MERCENA DE KOL

The greatest cow in the world—the champion over all champions—the only 51-lb. cow—the only 200-lb. 30-day record cow—has been consigned to the Moyer National Sale. She is Rolo Mercena De Kol, illustrated above. Here are her records:

Butter 1 day	8.57	Milk 1 day	125.8
Butter 7 days	51.93	Milk 7 days	738.7
Butter 30 days	200.34	Milk 30 days	2920.5
Butter 60 days	337.49	Milk 60 days	5795.1

Average test for 7 days	5.62
Average test for 30 days	5.47

She made her 7-day record as follows:

	Milk.	Fat.
March 31st (1 milking)	26.7	1.60
April 1st	99.4	5.39
April 2d	108.3	6.34
April 3d	98.5	4.96
April 4th	97.3	5.57
April 5th	112.2	6.23
April 6th	105.4	6.41
April 7th (3 milkings)	90.9	5.03
Total	738.7	41.54

Rolo Mercena De Kol was born July 2d, 1913. She freshened on January 17th, 1919 and started her test February 6th, when she produced 72.6 lbs. milk containing 3.3 lbs. fat. On February 21st she passed the 100-lb. mark and produced 4.15 lbs. fat. She continued to increase until on March 2d she produced 114 lbs. milk and 4.52 lbs. fat. Continuing in test she steadily increased until she started her great record on March 31st, finishing April 7th as champion cow of the world.

After urgent solicitation from many of the prominent breeders in Canada and the United States, I have consented to offer this greatest of all cows in the National Sale. We are also consigning her 5-months-old daughter. This is the only time in history that there has ever been offered in public sale a 51-lb. cow and a daughter of a 51-lb. cow. The sale of Rolo Mercena De Kol affords breeders in both the United States and Canada an opportunity they have never before had. Upon the advice of experienced breeders, she is being offered unbred, which will make it possible for her fortunate buyer to produce the highest record calf in the world.

Rolo Mercena De Kol has in no way reached the limit of her capacity. When you consider that she made her best 7 days production during the last 28 milkings of her 60-day test, then do you better appreciate her phenomenal production. She made her record without fitting and was handled by a party without previous experience in A. R. O. work.

Rolo Mercena De Kol is the outstanding cow of the Holstein breed. She is the highest record cow—she is the most popular cow—and her buyer will become the best known breeder in the wrold.

and Their Daughters in the NATIONAL SALE

The Sale of the Only 51-Lb. Cow

J. B. HANMER Norwich, Ont.

(Continued from page 143.)

3. Riverside Beauty Pontiac, 41308, Estate of Matt Richardson, Caledonia, Ont.	3	10	16	483.0	17.99	22.49
4. Toitilla Echo of Riverside, 39827, J. W. Richardson, Caledonia, Ont.	3	11	11	451.4	17.80	22.25
5. Colony Netherland Segis Newman, 36009, Colony Farm, Essondale, B. C.	3	10	16	605.4	17.77	22.21
6. Duplicate Pontiac Duchess, 47055, George Smith, Port Perry, Ont.	3	7	2	453.1	17.73	22.17
7. Charlotte Ormsby Segis, 41165, W. C. Houck, Chippawa, Ont.	3	10	4	572.4	17.68	22.11
14-day record				1114.6	34.98	43.73
8. Colony Poetess Korndyke, 36011, Colony Farm, Essondale, B. C.	3	11	30	453.1	17.32	21.66
30-day record				1862.2	70.63	88.30
9. Johanna Segis, 43503, Thos. L. Leslie, Norval Sta. Ont.	3.	7	18	414.8	15.07	18.84
10. Centre View Segis Pet, 41169, M. McDowell, Oxford Centre, Ont.	3	10	11	429.6	14.71	18.39
11. Hay Bay Gerben Pet, 40027, L. F. Bogart, Napanee, Ont.	3	11	14	467.2	14.54	18.18
12. Segis Alice, 41171, M. McDowell, Oxford, Centre, Ont.	3	10	26	395.7	13.76	17.20
13. Hay Bay Lily Walker, 40026, L. F. Bogart, Napanee, Ont.	3	11	10	464.7	13.05	16.31
14. Veeman Belle Abbekerk, 66636, Neil McGugan, Shedden, Ont.	3	10	7	298.6	11.26	14.08
15. Sunnybrook Aaggie, 41512, Roy Neville, Straffordville, Ont.	3	9	17	359.6	11.06	13.82
Junior Three-Year-Class						
1. Het Loo Sylvia, 42689, W. L. Shaw, Newmarket, Ont.	3	1	22	518.4	24.04	30.06
14-day record				980.2	43.99	54.99
21-day record				1514.2	64.92	81.16
2. Het Loo Gretchen, 42730, W. L. Shaw, Newmarket Ont.	3	4	20	517.4	20.69	25.87
3. Clover Hill Lyons Imperial, 38872, Lincoln County Industrial Home, St. Catharines, Ont.	3	5	0	587.6	19.68	24.60
14-day record				1097.7	38.78	48.49
4. Avondale Pietje Pauline, 42356, W. H. Cherry, Hagersville, Ont.	3	0	10	467.9	18.45	23.06
5. Het Loo Gerben, 42692, W. L. Shaw, Newmarket, Ont.	3	3	22	470.3	18.20	22.75
6. Riverside Daisy Korndyke, 42624, J. W. Richardson, Caledonia, Ont..	3	0	8	479.8	16.86	21.08
7. Frances M. Tensen, 44889, Wm. E. Mason, Simcoe, Ont.	3	0	26	455.7	15.94	19.93
8. Pontiac Jessie Segis, 48145, M. McDowell, Oxford Centre, Ont.	3	4	18	460.5	15.59	19.49
9. Echo Pauline Patricia, 41721, C. R. James, Richmond Hill, Ont.	3	0	21	405.1	15.24	19.05
10. Segis Hengerveld Pet, 59377, Roy Nevill, Straffordville, Ont.	3	3	10	365.6	14.91	18.64
11. Sunnybrook Aaggie Veeman, 49262, Roy Nevill, Straffordville, Ont.	3	0	15	372.1	14.43	18.04
12. Leota M. Tensen, 44300, Wm. E. Mason, Simcoe, Ont.	3	4	22	441.0	14.30	17.88
13. Lottie M. Tensen, 44360, Wm. E. Mason, Simcoe, Ont.	3	5	5	403.2	13.07	16.35
14. Nell Jewel Posch, 38850, R. H. Davies, Oak Ridges, Ont.	3	5	8	446.8	12.51	15.65
15. Fairmont Alcartra Bakker, 48069, Peter Dill, Dublin, Ont.	3	0	20	305.9	11.03	13.79
Senior Two-Year-Class						
1. Lula Segis Alcartra, 47988, E. B. Purtelle, Bloomfield, Ont.	2	10	1	494.4	18.53	23.17
14-day record				958.6	36.50	45.64
2. Keyes Segis Alcartra, 47987, E. B. Purtelle, Bloomfield, Ont.	2	8	7	540.4	17.53	21.92
14-day record				1024.3	33.89	42.37
3. Lilly Burke Champion, 47168, C. R. James, Richmond Hill, Ont.	2	6	26	408.7	16.73	20.92
14-day record				803.9	32.99	41.24
4. Riverside Daisy Pontiac 2d, 46962, J. W. Richardson, Caledonia, Ont.	2	9	13	450.6	15.72	19.65
5. Lizzie Hartog De Kol, 50315, Wallace H. Mason, Simcoe, Ont.	2	9	16	417.7	15.32	19.15
6. Topsy Flora Tensen, 50316, Wallace H. Mason, Simcoe, Ont.	2	10	1	364.4	15.20	19.00
7. Jennie Schuiling Korndyke, 51429, Tig Wood, Mitchell, Ont.	2	7	0	379.9	14.45	18.06
8. Avondale Cornelia Pietje 2d, 42527, A. C. Hardy, Brockville, Ont.	2	11	11	356.7	13.93	17.41
30-day record				1485.6	57.02	71.28
9. Lucinda Mercena Pontiac, 44014, M. J. McKay, Cornwall, Ont.	2	11	15	351.8	13.25	16.56
10. Freda Calamity Walker, 49378, Albert Tattersall,, Mt. Elgin, Ont.	2	9	12	369.2	12.11	15.15
11. Mercena Echo, 45316, Porter Bros. Thornhill, Ont.	2	11	19	324.6	11.15	13.95
12. Centre View Hilda, 49869, M. McDowell, Oxford Centre, Ont.	2	9	11	381.5	10.49	13.11

(Continued from page 142.)

per year on the average, and just about 6,000 lbs. milk. This was in the mature class and the heifer classes show correspondingly good victories for our breed.

When we come to consider class leaders of the two breeds, again we find the Friesian predominating. Please note that the average of the Jersey leaders of the various classes is only 11,437.5 lbs. milk, containing 690.88 lbs. fat; while the same average for the Friesians is 19,701.2 lbs. milk, containing 769.35 lbs. butterfat.

It is perhaps significant that no new class leaders of the Jersey breed appear during the past year, whereas among the Holsteins three of the seven class leaders of 1917 were displaced, one of them being beaten by two different animals. In the junior two-year-old class the 1917 leader, Friesland Park Butter Girl, whose record was 553.21 lbs. butterfat, was displaced by Princess Pietertje De Kol, who produced 626.82 lbs. butterfat and became the New Zealand champion for this class.

Another new class leader is Wood Crest Johanna Tehee, who broke the New Zealand record in the senior four-year-old class by her production of 754.96 lbs. fat, displacing Salma Johanna Lyons with 730.19 lbs. fat. Her milk record of 21483.1 lbs. was for a time the largest ever made in New Zealand.

She was, however, beaten a little later by her stable companion, Westmere Princess Pietertje, a junior four-year-old, producing 24199 lbs. milk, containing 939.78 lbs. fat. This record not only gives her the New Zealand milk championship over all ages, but gives the championship for butterfat over all classes under 4½ years.

New Zealand is certainly an up and coming territory for the Black and White breed.

Class Average for Friesians

Class	No. of Cows	Days in Milk 1918	Average Yield for Season Milk lb.	Fat lb.
Junior 2-year-old	18	349	11,281.00	407.32
Senior 2-year-old	10	345	9,982.30	374.06
Junior 3-year-old	5	351	13,101.10	465.05
Senior 3-year-old	6	331	14,493.50	487.28
Junior 4-year-old	5	365	15,779.10	576.13
Senior 4-year-old	7	363	13,469.30	480.97
Mature	20	349	14,600.40	528.14

Class Leaders—Holsteins

Name of Cow and Class	Tested by 1918	Age at starting Test Yrs.	dys.	Fat req'd. for Cert. lbs.	Yield for Season Days	Milk lb.	Fat lb.
Junior Two-year-old							
Princess Pietertje De Kol	R. Melvin, jun., Masterton	2	102	250.7	365	15,577.80	626.82
Senior Two-year-old							
Netherland Princess IV	J. Donald Westmere..	2	341	274.6	365	19,621.60	805.77
Junior Three-year-old							
Ethel of Friesland Park	F. W. Koberstein, Taonui	3	37	280.7	365	17,663.20	638.85
Senior Three-year-old							
Manor Beets Daughter II of Ashlynn	C. A. Hoppin, Palmerston North	3	296	306.6	365	18,733.90	863.51
Junior Four-year-old							
Westmere Princess Piet.	J. Donald, Westmere	4	156	329.1	365	24,199.00	939.78
Senior Four-year-old							
Woodcrest Johanna Tehee	J. Donald, Westmere	4	325	346.0	365	21,483.10	754.96
Mature							
Holland Queen	A. J. Gallichan, Tiakitahuna...	5	52	350.0	365	20,629.90	755.78

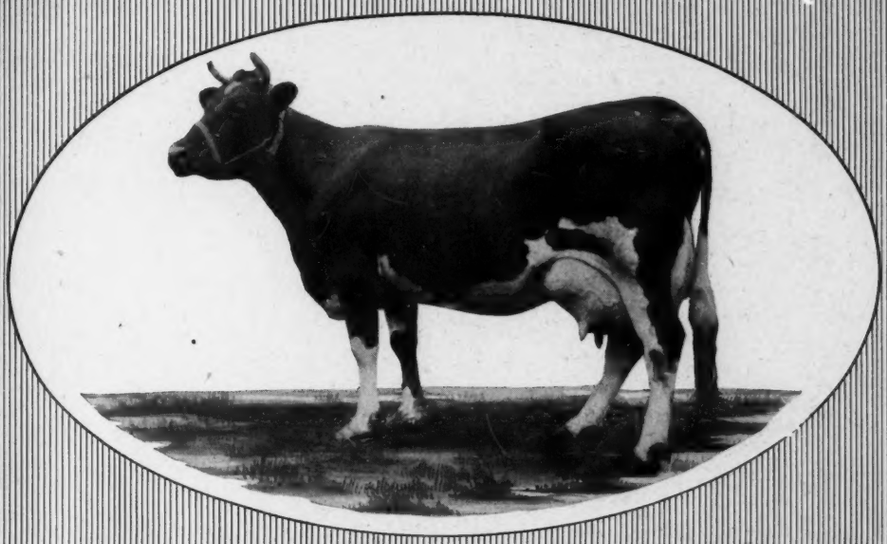
All Lit Up

An Englishman, an Irishman, and a Scotchman were boasting about who could be the most extravagant.

The Englishman, to demonstrate his extravagance, took a ten-shilling note from his pocket, applied a match to it and carelessly lit his pipe with it.

The Irishman, not to be beaten, hauled out a five-pound note and did likewise.

Then the Scotchman, not wishing to be left out of the contest, wrote a cheque for a thousand pounds, lit it, and applied it to his pipe.—The Passing Show (London).



ROLO MERCENA DE KOL

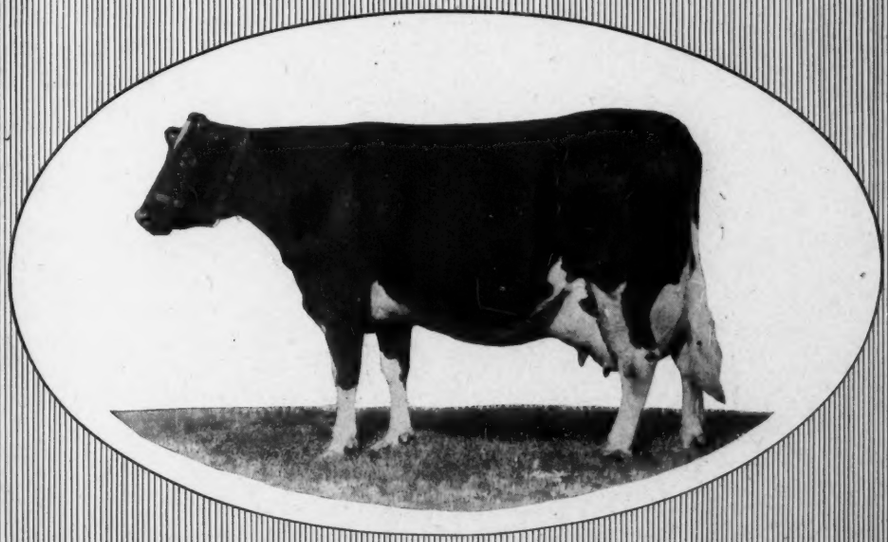
World's Champion Butter Producer for 7 and 30 Days

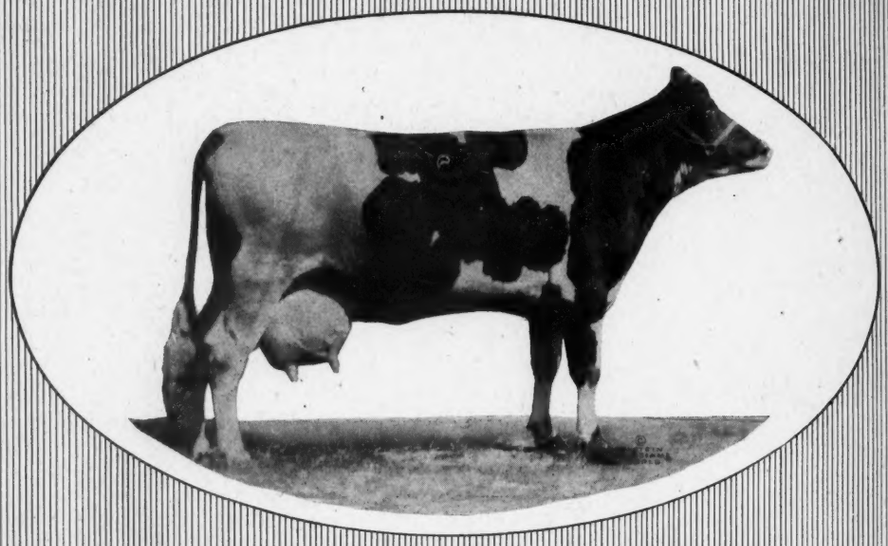
51.93 lb. butter, 738.9 lb. milk in 7 days; 201.17 lb. butter, 2930.6 lb. milk in 30 days

JEMIMA JOHANNA OF RIVERSIDE

Long Distance Champion of Canada

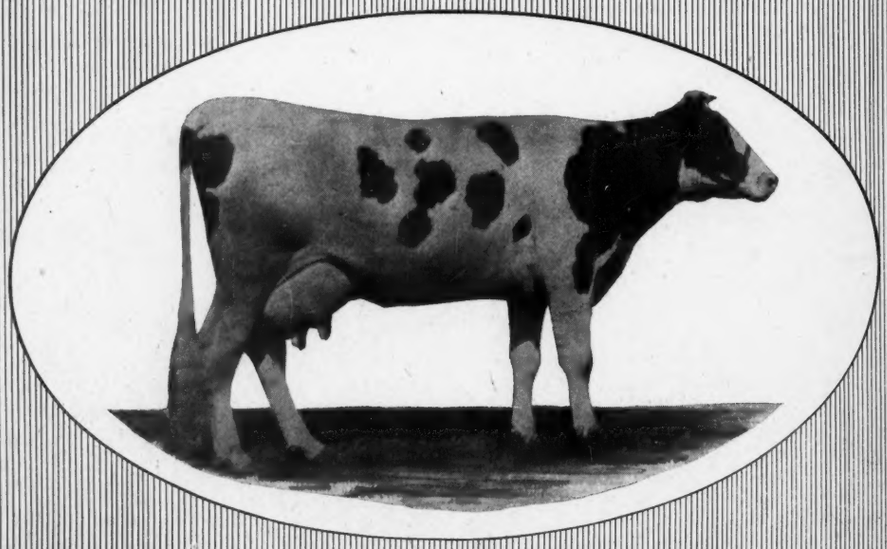
1278 lb. butter, 30,373 lb. milk at 10 years. (A world's milk record for age.)





JEWEL PONTIAC SEGIS
World Champion Senior 3-year-old
For both milk and butter in the long time divisions, and for milk in the short time, 1171.15 lb. butter, 27,068.5 lb. milk in a year at 3½ years.

BEAUTY BEETS WALKER SEGIS
World's Champion Senior 2-year-old
For both milk and butter in long time test, 1040.64 lb. butter, 25,343.3 lb. milk in a year at 2½ years—first calf.



(Continued from page 58.)

THE FOND DU LAC SALE

By E. M. Jenison

The third annual spring sale of the Holstein Breeders Sale Co., held at Fond du Lac, Wis., Wednesday and Thursday May 14 and 15, brought together large offerings of registered Holsteins of merit which went through the sales ring at prices quite satisfactory, on the whole, to the consigners.

During the two days 179 head were sold for $47,117 or an average of $263 per head. Thirty-two males brought $4,795 or an average of $149 per head. Many of these were young calves some dropped after the dams had been consigned. This brought down the average. The 147 females brought a total of $42,322 or an average of $287 per head.

The sale was topped by Mabel Jewel Johanna consigned by O. L. Merrill, Fond du Lac, and who went to Spring Brook Farm Co., Burnett, Wis., at $775.

The next place in the list was secured by Cleveland Johanna Champion, the herd sire consigned by E. A. Knoke, of Shiocton, Wis., in his dispersal sale. He was bought by the West Bend Canning Co., West Bend, Wis., for $700.

The ten highest animals in the sale brought a total of $5865 or an average of $586 per head.

One of the features of the sale was the dispersal of the herd of E. A. Knoke, of Shiocton, Wis. Ninety-one head were disposed of for $22,100 or an average of $242 per head.

The sale was marked by a large attendance of buyers. The bidding was snappy and the offerings went through the ring at good prices. All in all the sale was the most successful in the history of the organization.

The Shattuck Military Academy, Faribault, Minn., was one of the larger buyers of the good offerings. Other active bidders and large buyers were the West Bend Canning Co., West Bend, Wis., Lee Purdy, Ft. Atkinson, Wis., C. L. Raisler, Bear Creek, Wis., and F. E. Paronto, of Waupaca, Wis.

The first annual meeting of the Holstein Breeders Sale Co., was held on Wednesday evening during the sale and the reports were of a most encouraging sort. It was agreed that the foundation had been laid for a series of successful sales and it was decided to hold at least four sales a year. Two sales will be held this fall—the first on Tuesday and Wednesday, Oct. 21 and 22; the second on Tuesday and Wednesday Dec. 2 and 3. The first spring sale for 1920 will be held on March 16 and 17; the second May 11 and 12. These dates are all settled on and the auctioneers, Kelley, Haeger and Mack with S. T. Wood in the box have been secured for them.

Officers for the ensuing year were re-elected as follows:

President, T. H. Thackray, Glenbeulah, Wis.; vice-president, John Puls, Hartford, Wis.; secretary-treasurer, F. J. Bristol, Oakfield, Wis.; manager, S. H. Bird, South Byron, Wis.; directors, J. B. Barstow, Randolph, Wis.; W. P. Kissinger, Waupun, Wis.; H. F. Schroeder, West Bend, Wis.

It is believed that by settling on dates well in advance and making them permanent dates it will be easier to secure large consignments of quality cattle.

The story of the sale just closed is told in detail as follows:

Consigned by Fred A. Ziegler, Appleton, Wis.	
Yearling heifer, R. H. Menning, Appleton	$ 180
Yearling heifer, Rudolph Loga, Ft. Atkinson, Wis.	180
Female calf, George H. Thompson, Quarry, Wis.	225
Consigned by Andrew Frank, Fox Lake, Wis.	
Yearling heifer, W. F. Kaschube, Ripon, Wis.	355
Mercedes Baby Champion, W. F. Kaschube, Ripon, Wis.	300
Duke Rigtje Johanna, Chas. H. O'Neil & Son, Rosendale, Wis.	115
Polkadot Princess DeKol 3rd, Alfred Luebler, Neenah, Wis.	325
Gem Pontiac Konig, E. O. Fehling, Juneau, Wis.	230
Baby DeKol Champion, Palzer Bros., Appleton, Wis.	500
Heifer calf, J. E. Jorgensen, Neenah, Wis.	150
Bonheur Lyons Jessie, J. E. Jorgensen, Neenah	255
Jessie Fobes Homestead Daisy Mink 4th, George J. Sizer, Fond du Lac, Wis.	450
Mamsell Mink Lyons, F. A. Lohse, Cavalry, Wis.	395
Consigned by Joseph Hoskens, DePere, Wis.	
Crescent Sarcastic Lad Segis, G. W. Ubbelbhde & Son, Plymouth, Wis.	405
Consigned by C. M. Corcoran, Fond du Lac, Wis	
Pet Mercedes DeKol Colantha 2nd, Lester Rose, Oshkosh, Wis,	150
Male calf, Art. R. Muenne, Knowles	100
Male calf, E. F. Martel, Fox Lake, Wis.	100
Undercliffe Burke Segis, George Konrad, Larson, Wis.	175
Winkel Korndyke Duchess DeKol 2d, Robt. Ross, Oshkosh, Wis.	350
Lady Colantha DeKol Piebe, Louis Muelemann, Kaukauna, Wis.	275
Colantha Piebe DeKol, F. W. Traxler, Plymouth, Wis.	250
Consigned by H. L. Weber, Oakfield, Wis.	
Female calf, West Bend Canning Co., West Bend Wis.	205
Male calf, Dave Harvey, Colby, Wis.	105
Female calf, Rudolph Loga, Ft. Atkinson, Wis.	160
Female calf, West Bend Canning Co., West Bend, Wis.	270
Male calf, M. M. Flaherty, Campbellsport, Wis.	110
Consigned by J. B. Cain, Glenbeulah, Wis.	
Mountain Ash Johanna Spofford, Edward Wyberg, Stephenson, Wis.	165
Lady Pontiac Elgin Gift, Boyle & Mullen, Peebles, Wis.	400
Consigned by Hazen & Van Pelt, Waupun, Wis.	
Lady Oakland Johanna 3d, R. D. Menning, Appleton, Wis.	165
Lady Oakland Johanna 2d, Charles Schmoekel, Alma Center, Wis.	205
Jessie DeKol Burke 2d Girl, R. D. Menning, Appleton, Wis.	165
Consigned by W. L. Manweiler, Randolph, Wis.	
Tiny Johanna Quoque, Spring Brook Farm, Burnett, Wis.	290
Consigned by A. A. Briggs, Peebles, Wis.	
Female calf, Richard Kronberg, Neenah, Wis.	95
Thema Pontiac Polkadot, Florian J. Lefevre, Casco, Wis.	150
Rosemary Pontiac Polkadot, F. H. Scoville, Butte des Morts, Wis.	195
Consigned by O. L. Merrill, Fond du Lac, Wis.	
Ethel Colantha Johanna, Albert Immel, Fond du Lac, Wis.	500
Male calf, Joseph Barnett, Casco, Wis.	170
Mabel Jewel Johanna, Spring Brook Farm Co., Burnett, Wis.	775
Consigned by S. W. Peebles, Peebles, Wis.	
Aaltje Salo Bracelett, Shattuck School, Faribault, Minn.	230
Pet Patience DeKol, West Bend Canning Co., West Bend Wis.	250

(Continued on page 150.)

BERYL HANMER

This is the young man, who without the equipment that we ordinarily consider essential to the production of great records, handicapped by a lack of funds, over-burdened with work about the farm and dairy, succeeded in bringing the wonderful little cow, Rolo Mercena DeKol, to the world's championship for seven and thirty day butter production.

Beryl Hanmer is a good cow man. The combination of a good man and a good cow has again proved irresistible surmounting all obstacles. He has

BERYL HANMER

had a fund of practical experience in handling dairy cattle, and being ambitious, has taken advantage of a short course of training in one of the Dominion's good agricultural schools.

This young man's rise to success is just one more example of what can be accomplished by perseverance. It is a lesson for every man in the business of breeding better Holsteins for it holds the expectation that we all can succeed in our chosen line if we will only determine that the obstacles which we chance to find in our path can be surmounted. And that they can be, the story of Beryl Hanmer proves.

AN OUTSTANDING PRODUCER

One of the outstanding producers of the past official year is the junior four year old, Verona De Kol Beets, who made a record of 40.14 lbs. of butter from 720.1 lbs. milk in seven days. The milk record stands second for the season, while the butter record stands fourth in the junior four year old class, as nearly as we can figure from official reports at hand at present writing.

She is owned by Niagara Maid Farms, East Aurora, N. Y., who paid $10,000 for her at the Worcester Sale two years ago, when she had a record of 32 lbs. as a junior three year old. Considering the record that she made, that looks like $10,000 well spent.

SUPREME
In The East

FINDERNE STOCK FARMS
Home of the First Forty-Pound Cow in the World

Finderne, N. J., March 7, 1919

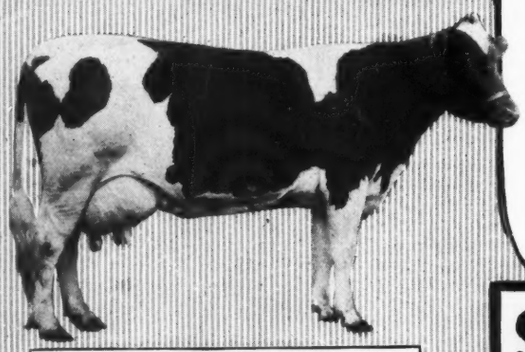
THE QUAKER OATS COMPANY,
Chicago, Ill.

Gentlemen: — I am sending you a picture of our great herd bull "King Valdessa" to show you how wonderfully he has developed on your Schumacher Feed, on which he has been raised entirely.

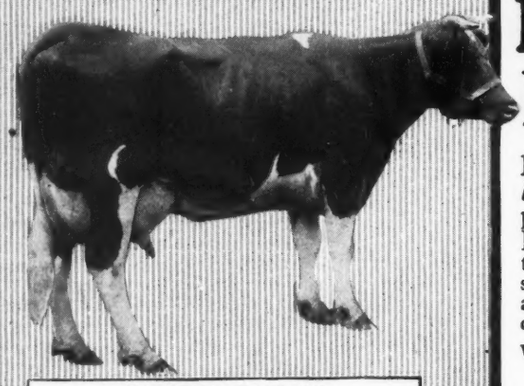
In the many World's Records we have made with our dairy cows, your feed has been a part of the ration, and I cannot help but give it a great deal of credit for making these splendid records, which shows that good animals will respond to good feed, such as Schumacher Feed. I remain,

Sincerely yours,

B. MEYER, Owner.



FINDERNE PRIDE JOHANNA RUE
of Finderne Stock Farms
The world's greatest living Butter Producing Cow.
Butter, 365 days, 1,470.5 lbs. Milk, 28,403.9 lbs.



VALDESSA SCOTT, 2nd
of Finderne Stock Farms
First 40-lb. cow
Butter, 7 days, 41.875 lbs. Milk, 695.10 lbs.

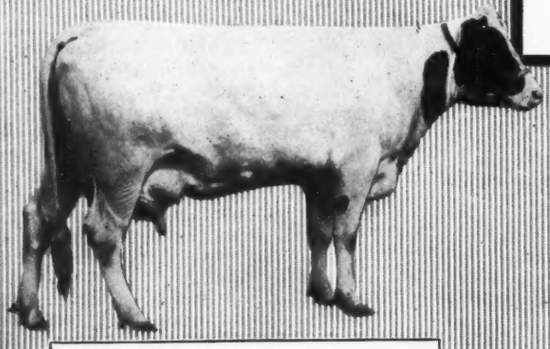
SCHUMACHER FEED
AND
BIG "Q" DAIRY RATION

BOTH East and West, wherever dairy cows are fed, these two feeds stand supreme as the feeds which assure maximum milk and butter production.

Mr. Meyer's statement that *"good animals respond to good feed like Schumacher"* is proven by the fact that 33 World's Champions—cows of every breed—have made their World's Milk and Butter Records while fed Schumacher and Big "Q" as a part of the ration. All other feeds in the world combined cannot equal this record. Their supremacy is firmly established in the result producing records they have made and are continuing to make. The feed that has proven *best* for the world's best cows will prove *best for your cows.*

Write for folder, *"Long Time Milk Production and How to Get It."* Free on Request.

The Quaker Oats



FINDERNE HOLINGEN FAYNE
of Finderne Stock Farms
Butter, 365 days, 1,395.06 lbs. Milk, 24,612 80 lbs.

KING VALDESSA
Owned by Finderne Stock Farms

SUPREME In The West

ARDEN FARMS, Inc.
Where Sanitary Conditions Prevail

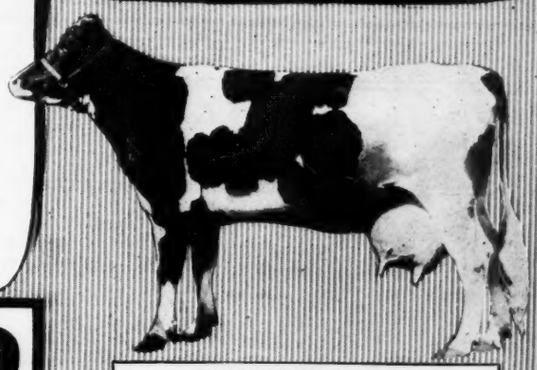
THE QUAKER OATS CO., St. Paul, Minn.
Chicago, Ill.

We have been feeding Schumacher Feed to the two new World's Champion Heifers, Jewel Pontiac Segis and Beauty Beets Walker Segis, for some time and are pleased with the results.

We also enclose a circular showing the World's Records made by Beauty Girl Pontiac Segis, another of our young heifers that has broken twenty records in all. I am pleased to advise that she was also fed on Schumacher Feed.

Yours very truly,

J. M. HACKNEY.

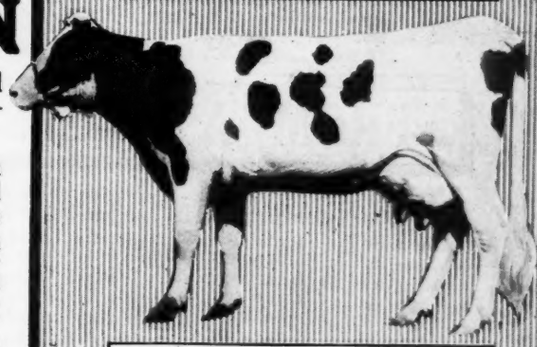


JEWEL PONTIAC SEGIS
of Arden Farms, Inc.
World's Champion Sr. 3 year old Holstein. In 365 days produced 1,171.15 lbs. butter and 27,068.5 lbs. milk

SCHUMACHER FEED AND BIG "Q" DAIRY RATION

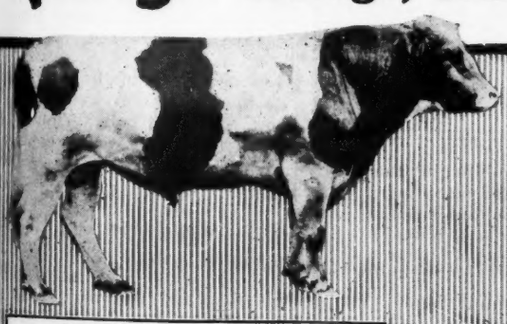
THE above letter from Senator Hackney expresses the pleased feelings over results dairymen everywhere—east or west—obtain with Schumacher and Big "Q" Dairy Feeds.

Here is proof that proper feeding has a great deal to do with maximum milk productions — the three cows shown here, all daughters of the same bull, raised on the same farm, fed on the same ration, *all* established World's Records. With results such as obtained by Bernhard Meyer, Senator Hackney and many others, is it any wonder that Schumacher Feed and Big "Q" Dairy Ration are the undisputed choice of dairymen who want maximum milk production and best health conditions in their herds. Your dealer can supply you with Schumacher and Big "Q." Give these feeds a trial — you will then appreciate why these two feeds are *Supreme in the East and Supreme in the West.*

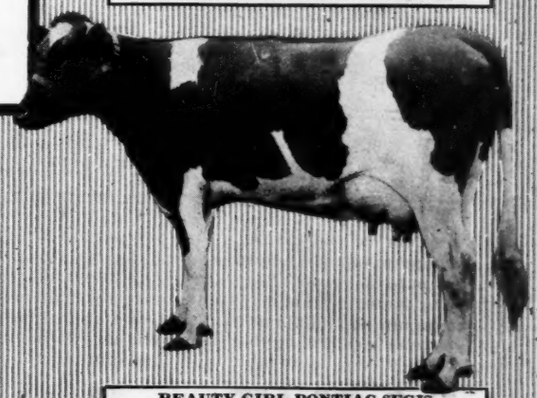


BEAUTY BEETS WALKER SEGIS
of Arden Farms, Inc.
World's Champion Jr. 2 year old Holstein. In 365 days produced 1,040.64 lbs. butter and 25,343.20 lbs. milk. This heifer broke 20 world's records in her first two lactation periods.

Company **Address Chicago, U. S. A.**



KING SEGIS PONTIAC COUNT
of Arden Farms, Inc.
His first 22 daughters to freshen broke more than 100 World's Records



BEAUTY GIRL PONTIAC SEGIS
of Arden Farms, Inc.
World's Champion Jr. 3 year old Holstein-Friesian, at age of 3 years, 2 months and 7 days, produced 1,112.91 lbs. butter and 24,924.70 lbs. milk.

(Continued from page 147.)

Consigned by Wm. Knapstein, New London, Wis.

Female calf, W. I. Laspbrook, Northfield, Minn.	160
Male calf, Tony Karrells, Wallace, Mich.	275
Stella Aaggie Meek Segis, W. A. Gilbert, Elderon, Wis.	330
Harley Duchess Ormsby Segis, Albert Danielson, Stephenson, Mich.	275
Jewel Mercedes DeKol, Olaf Olson, Stephenson, Mich	325

Consigned by Harvest Farms Co., Mayville, Wis.

Harvest Agatha Beets, W. H. Fralish, Berlin, Wis.	175
Harvest Beets Agatha, W. H. Fralish, Berlin, Wis.	175
Harvest Agatha Lilith West Bend Canning Co., West Bend, Wis.	380
Harvest Lilith Pontiac, Charles Schmoekel, Alma Center, Wis.	290
Harvest Colantha Agatha, Henry W. Breher, Sheboygan Falls, Wis.	400
Harvest Hengerveld Agatha Pontiac, Robert Byrns, Fond du Lac, Wis.	310
Harvest Beauty Agatha Pontiac, Shattuck School, Faribault, Minn.	650
Harvest Fobes Agatha, C. E. Cox, Round Lake, Ill.	400

Consigned by C. L. Raisler, Bear Creek, Wis.

Minita Bessie DeKol 2d, Albert Immell, Fond du Lac, Wis.	210
Bessie De Kol Boon Korndyke, Geo. Konrad, Larson, Wis.	210
Lady Aurora Clothilde, Emil E. Miller, Fisk, Wis.	330
Lady Aurora Clothilde 2d, Herbert Roeske, Elderon, Wis.	225

Consigned by W. H. Gruhle, West Bend, Wis.

Elmwood Veeman Mona, Charles Braatz & Son, Waupun, Wis.	670
Male calf, F. W. Traxler, Plymouth, Wis.	55

Consigned by Northwestern Iron Co., Mayville, Wis.

Pig Iron Canary Maid Pontiac, R. J. Ross & Son, Oshkosh, Wis.	285

Continued on page 154.

A AKKSV BULL

Calf is 4 months old, a very beautiful individual, and wonderfully well developed for a youngster of his age.

He is sired by King Korndyke Sadie Vale, now with six 30-lb. daughters. He is the only sire with a 40-lb. dam, a 40-lb. sister and a 40-lb. daughter. His 42 tested daughters at an average age of 2 years 10 months 22 days average 21.96 lbs. butter from 413 lbs. milk.

He is sired by a son of the first 37-lb. cow and the first 1000-lb. butter fat cow of the breed. His dam is a 41-lb. daughter of the breed's first 30-lb. cow

FROM A 34-LB. DAM

The dam of the bull is Ruth Pontiac Veeman Korndyke that made 34.16 lbs. as a 6-year-old, 29.47 lbs. as a 5-year-old and almost 19 lbs. as a 2-year-old. She has produced a 22-lb. 2-year-old daughter by King Korndyke Sadie Vale, a full sister, therefore, to the calf we are selling. Ruth Pontiac Veeman Korndyke is sired by Sir Korndyke Pontiac Artis (seven 30-lb. daughters), he from the only 1000-lb. daughter of Hengerveld De Kol. Her dam is Stella Veeman Korndyke with a record of 29.79 and two daughters with records of 34 lbs. and 28 lbs. and also three sons each with a 30-lb. daughter. She is by Sir Veeman Hengerveld with over 100 A. R. O. daughters and three 100-lb. long distance daughters.

IN THE NATIONAL SALE

Here is real quality. The combination of blood lines back of this youngster has produced a number of large record heifers and many more are sure to follow. The calf is ¾ white and is one of the best sons of King Korndyke Sadie Vale that has been offered in many a day. He is consigned to the Moyer National Sale at Philadelphia June 5-6-7, where you may buy him at your own price.

J. C. BLAIR Morrisville, N. Y.

(Continued from page 50.)

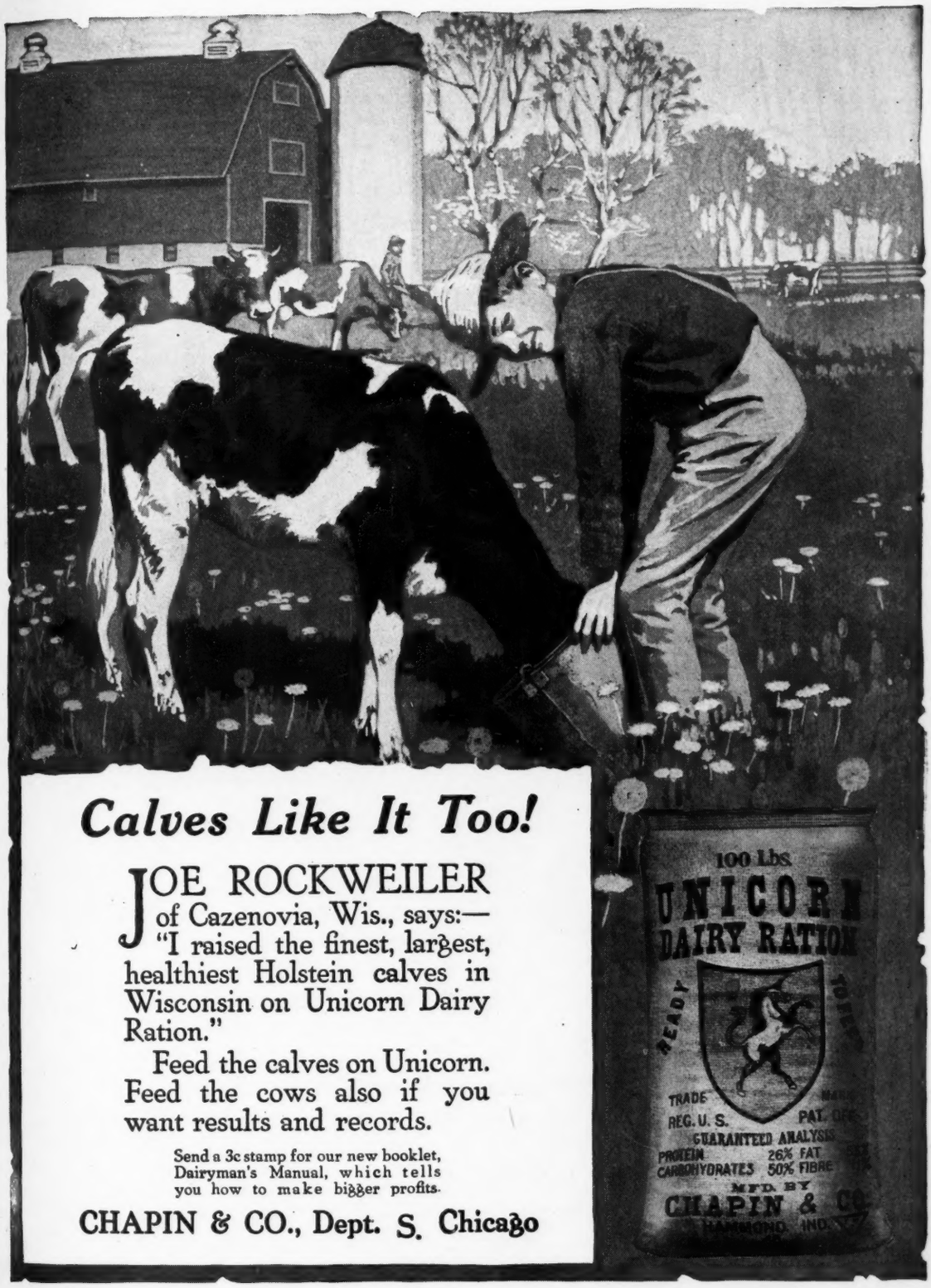
well directed extension work, and there is no breeder can so well afford to pay an extra 25 cents as the one who has just made a sale at a good price.

The question of taking a census of the Holstein-Friesian animal is another very important problem, and one that is absolutely necessary if we are going to know as much about our business as we ought to know about it. We have been creating, (if not manufacturing), Holstein-Friesian milking machines for years—that is our business, and still we do not know anything about what becomes of the machines, how long they last, nor what the result is after they are recorded. If we were carrying on our work efficiently we would know how many machines there were out, how long they rendered good service, in order that we might advise people who are in need of machines what they might expect if they used the black and white.

A great many breeders are wondering in their minds—is there not danger of overdoing it, are we not going to have so many of these pure-bred registered Holsteins that there will be an over supply—and under the present conditions who knows anything about it so as to talk authoritatively? We can say that last year there was something like 60,000 heifer calves registered, and if there were equal births of each sex that would mean 120,000 cows gave birth to calves. That would practically represent all the cows above 2½ years of age and we could not have enough registered Holstein-Friesian cows in the next twenty years to supply the state of New York alone with dairy cows. While that would be a great argument and would brush aside all this wonderment about overdoing the pure-bred livestock field, we have never put ourselves in a position so we could talk authoritatively and with figures to substantiate it, and we will never be able to do this until we take a census of Holstein-Friesian cows and know just what we have.

I want the members to think about it and realize what it means to them. If they could read in their Holstein-Friesian journals that there are just so many Holstein-Friesian animals in the United States twenty years of age, nineteen, eighteen, seventeen and sixteen, and that the Holstein-Friesian cow averages in the dairy to render good service and profitable service for twelve years, or ten years, or eight, or six, or whatever the period was, we will then have some idea on what to base values.

It is up to the Holstein-Friesian breeders to lead the way and be able to know to a moral certainty what the situation really is. They can accomplish that by taking a census of their animals and then by recording the births and deaths, know just where we are at, and really ascertain just how few Holstein-Friesian cows there really are, because we will all be disappointed when we know to a certainty that, comparatively speaking, there are very few registered Holstein-Friesian cows. There are hundreds of thousands of grades but very few, comparatively speaking, registered animals. D. D. Aitken, President.



Calves Like It Too!

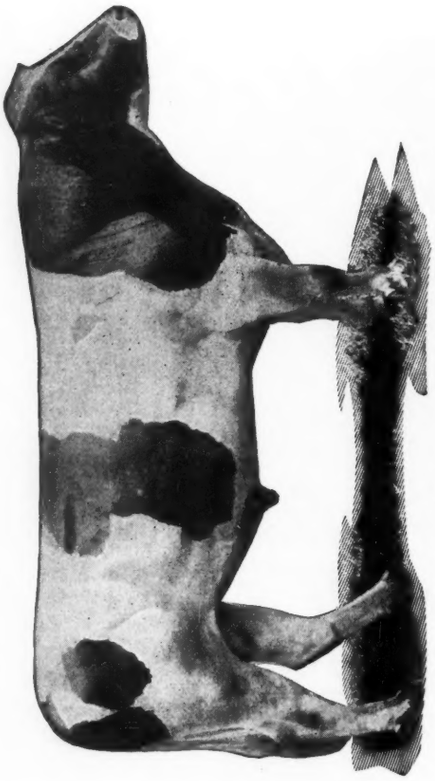
JOE ROCKWEILER of Cazenovia, Wis., says:—"I raised the finest, largest, healthiest Holstein calves in Wisconsin on Unicorn Dairy Ration."

Feed the calves on Unicorn. Feed the cows also if you want results and records.

Send a 3c stamp for our new booklet, Dairyman's Manual, which tells you how to make bigger profits.

CHAPIN & CO., Dept. S. Chicago

King Segis Pontiac Count



"The Marvel of All Sires"

100 World Records

He has as many World Champion Daughters as Any Three Other Sires

Study This Wonderful Achievement of the Greatest Sire of All Time

Study This Wonderful Achievement of the Greatest Sire of All Time

King Segis Pontiac Count is the only sire of any breed with a 25,000-lb. 2-year-old daughter.

King Segis Pontiac Count is the only sire with two daughters both of which are champions for both milk and butter in their respective classes.

King Segis Pontiac Count is the only sire having six 2- and 3-year-old daughters all above 900 lbs. butter in a year.

King Segis Pontiac Count is the only sire having five 2- and 3-year-old daughters all above 20,000 lbs. milk in a year.

King Segis Pontiac Count is the only sire having three 2-year-old daughters with records averaging over 1000 lbs. butter in a year.

King Segis Pontiac Count is the only sire having three 3-old daughters with records averaging over 23,000 lbs. milk in a year.

King Segis Pontiac Count has sired the world champion senior 3-year-old over all breeds for production of both milk and butter.

King Segis Pontiac Count has sired the world champion senior 2-year-old over all breeds for production of both milk and butter.

King Segis Pontiac Count has sired the world champion junior 2-year-old over all breeds for milk production.

King Segis Pontiac Count's daughters have broken more than 100 world's records.

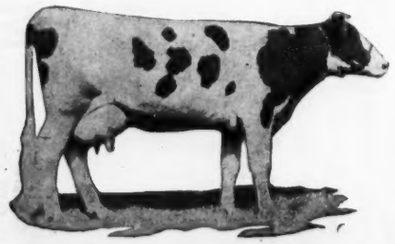
King Segis Pontiac Count's daughters hold more world's records than do the daughters of any other three sires of the breed.

King Segis Pontiac Count has for two successive years been the largest prize winning sire through the records of his daughters.

King Segis Pontiac Count's daughters for the year 1917-1918 gained more first places in the regular prize division than did the daughters of any other sire, regardless of their age or the number of tested daughters.

King Segis Pontiac Count is now 7 years 6 months of age. No sire of any age or of any breed can approach his record of achievement, either for long or short time work.

The Arden Farms Herd Is The Largest Accredited Herd In The World of Any Breed

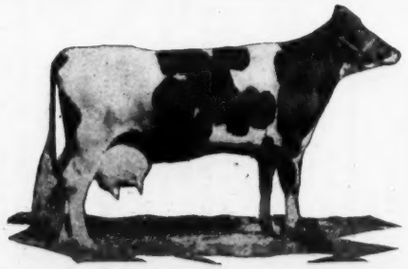


BEAUTY BEETS WALKER SEGIS

ARDEN FARMS

J. M. HACKNEY, Owner

ST. PAUL **MINN.**



JEWEL PONTIAC SEGIS

(Continued from page 29.)

Concentrates

Corn meal
Hominy
Corn feed meal
Gluten feed
Gluten meal
Corn bran
Corn Oil meal
Distillers' dried grains

We will take up first a brief study of the roughage feeds derived from corn. Many times in these columns has the value of corn silage been praised. Very little can be added. However, it is worth while again to make some comparisons. Its value as a source of succulence was discussed last month. It is not a feed that furnishes protein cheaply. Therefore the value of corn silage lies in the amount of total digestible nutrients in it of the nature of carbohydrates to furnish large amounts of energy and to make the rest of the ration succulent and palatable.

In one ton of silage there are 354 pounds of total digestible nutrients. Eight dollars a ton is a reasonable price to pay for a ton of heavily eared silage. At this price per ton, one hundred pounds of total digestible nutrients cost $2.26 per hundred pounds. The lowest cost of total digestible nutrients in any grain according to quotations of April 26, 1919, at Utica, N. Y. rate points was $3.44 per hundred pounds in flour wheat middlings. At this price(3.54x$3.44 a ton) of silage would be worth $12.18 which would be a very high price. Now generally speaking a pound of total digestible

(Continued on page 162.)

(Continued from page 150.)

Consigned by Kutchin & Son, Green Lake, Wis.

Ethel Clothilde Pietertje 2d, Fred Hohensee, Rosendale, Wis 360
Maplewood Ethel Segis, Lee Purdy, Ft. Atkinson, Wis. 325
Lady Isabelle DeKol Pietertje 3d, M. Parsons, Northfield, Minn. 400

Consigned by S. C. Stanchfield, Fond du Lac, Wis.

Model Fobes Piebe, R. J. Ross, Oshkosh, Wis. 390
Colantha Belle Josephine, George Buelke, Plymouth, Wis. 200
Mamsell Colantha Piebe, Louis Pamperine, West Bend, Wis. 345

Consigned by H. W. Bennett, Oakfield, Wis.

Bessie King Douglas Korndyke, Lee Purdy, Ft. Atkinson, Wis. 340

Consigned by S. H. Bird, South Byron, Wis.

Ollie Maud Canary, Lee Purdy, Ft. Atkinson, Wis. 285
Ollie Canary Fayne, Shattuck School, Faribault, Minn. 350
Maud Pontiac Homestead, Alfred Lueblin, Neenah, Wis. 300
Bluebird Colantha Duchess, Orrin Purdy, Ft. Atkinson, Wis. 230
Gewina Lily Fayne 2d, M. Parsons, Northfield, Minn. 310
Maud Piebe Mooie, E. R. Holman, Waupaca, Wis. 295

Consigned by Charles Braatz & Son, Waupun, Wis.

Laughing Water Johanna, Herbert Roeske, Eldorado, Wis. 280
Laughing Water Sir Inka Korndyke, John Patterson, Waupaca, Wis. 75
Rex Galaxy Inka Korndyke 3d, F. H. Scoville, Butte des Morts, Wis. 320

Consigned by F. J. Bristol & Sons Co., Oakfield, Wis.

Hello Aaggie Piebe DeKol 3d, W. F. Kaschube, Ripon, Wis. 340
Uneeda Korndyke Iona, Dr. G. H. Stannard, Sheboygan, Wis. 425
Lucyra DeKol 2d. 425
Uneeda Korndyke Iva, Spring Brook Farm, Burnett, Wis. 425

Consigned by H. W. Bennett, Oakfield, Wis.

Male calf, J. F. Fisher, Fond du Lac, Wis. 190

Consigned by George H. Thompson, Quarry, Wis.

Female calf, Martin Knickel, Campbellsport, Wis. 165
Bull, one year old, Alvin W. Root, Fond du Lac, Wis. 400

Consigned by Edwin D. Gibbs, Fox Lake, Wis.

Hilda Lassie Madge Aaggie, Francis Boyle, Fond du Lac, Wis. 370

Consigned by Joseph Hoskens, De Pere, Wis.

Crescent Queen Pet Hengerveld, W. L. Lashbrook, Northfield, Minn. 540

Consigned by E. A. Knoke, Shiocton, Wis.

Rose Segis Daw 260
Netherland Bonnie 3d. 300
Knokedale Mildred Netherland Piebe 190
Mildred Netherland Bonnie 440
Knokedale North Aaggie Piebe 175
Worth Aaggie Piebe 325
Sita Korndyke Hengerveld 200
Star Netherland Bonny 2d, C. L. Raesler, Bear Creek, Wis. 500
Knokedale Segis Daw, Edd M. Schultz, Hartford, Wis. 145
Ruby Paul Princess 250
Marjory Sita Korndyke Hengerveld 300
Marion Sita Korndyke Hengerveld 3d, Shattuck School, Faribault, Minn. 400
Male calf, J. B. Harrington, Anawa, Wis. 75
Male calf, John Peterson, Waupaca, Wis. 95
Aaggie Mechthilde Jettine 3d. 220
Worth Aaggie Hengerveld 420
Worth Aaggie Mechthilde 3d, Robert Byrnes, Fund du Lac, Wis. 330
Worth Piebe Hengerveld, O. F. Knoke, Birnamwood, Wis. 400

(Continued on page 158.)

SIR ORMSBY SKYLARK

The Fountain Head of Real Ormsby Quality. Sire of Duchess Skylark Ormsby—Champion Butter Cow of the World.

A son of Sir Ormsby Skylark will give you quality.

MAXWELL FARMS---Waterloo, Iowa

D. G. MAXWELL, Owner

SHADOW BROOK

THE SHADOW BROOK FARM CONSIGNMENT

TO THE

MOYER NATIONAL SALE

PHILADELPHIA, PENN. *JUNE 5-6-7-1919*

SIX VERY CHOICE FEMALES

1—**Mettowee Rag Apple Dora**—Sire Rag Apple Korndyke Lad. A good son of Rag Apple Korndyke 8th. Dam—a daughter of Pontiac Korndyke with a 24.48-lb. daughter at 2½ years. This heifer has eight crosses of the blood of Pontiac Korndyke and shows it in her individuality. Her own record at 2 years, milk seven days 469.3 lbs., butter 20.43.

2—**A large heifer calf** from the above—sired by Segis Fayne Alcartra, one of the most promising sons of the $50,000 bull, out of that grand old 3 times 30-lb. cow, Sethje Mooie 32.55. She is a superb heifer, mostly white.

3—**Von Holingen Artis Climax.** Sire, Sir Pontiac Artis Climax, son of Sir Korndyke Pontiac Artis with 8 30-lb. daughters, and of a good record daughter of Sir Veeman Hengerveld. Dam—a 21-lb. granddaughter of De Kol Burke. Her own record—at 5 years—milk 565.2 lbs. Butter 28.179 ave. per cent fat 3.93.

4—**Lowdale Pietje Pontiac Aaggie.** Sire, King Segis Pontiac Alcartra 7th. Son of King Segis Pontiac Alcartra and Wachusett Catrina, 32.73 lbs. butter 7 days. Dam, an 18-lb. 3-year-old daughter of Woodcrest Jamaica Pietje and granddaughter of Pietje 22d. A beautiful dairy type. Her own record at 2 years, milk 446.7, butter 22.65. Ave. per cent 4.05.

5—**Lady Mechthilde Pontiac Toitilla..** A granddaughter of King of the Pontiacs from a 16.97-lb. dam. Her own record, milk 471 lbs. butter 25.9 at 4 years. A 30-lb. prospect if ever there was one.

6—**A heifer calf** sired by our herd sire Royal Segis Pontiac, a grandson of King of the Pontiacs and son of the 37.15-lb. 4-year-old, Belle Segis Champion who sold at Worcester for $5,000. His 4 great grandsires are Pontiac Korndyke, Hengerveld De Kol, King Segis De Kol Korndyke and Prince of Highlawn. His six nearest dams average 30.27 lbs. butter in seven days. The dam of this heifer, May Hartog Sir Posch Queen, a descendant of Alta Posch, is a wonderfully persistent milker and at **12 years, 7 months,** 16 days made 621.1 lbs. milk, 30.1 lbs. butter. All four mature females will be bred to this bull.

BULL CALVES FOR SALE---Sired By ROYAL SEGIS PONTIAC

OUR HERD REGULARLY TESTED AND ABSOLUTELY CLEAN

SETH LOW PIERREPONT **SHADOWBROOK FARM**

Owner **Ridgefield, Conn.**

THE MORRIS CONSIGNMENT TO THE NATIONAL

Breeders in the east who are desirous of obtaining animals bred in the highest producing long distance lines of the breed will be afforded an opportunity to make their purchases in the Moyer National sale at Philadelphia, June 5-6-7. The consignment from the famous California herd of A. W. Morris & Sons is the outstanding one in this particular respect, each animal being from a long distance dam and sired by a son of a world famous long distance cow. At the head of this consignment stands Sir Aaggie Mead De Kol, famous as the only sire with an average of over 1100 lbs. for his 7 nearest dams. This bull is a strikingly handsome fellow, more black than white, and is described by his owners as being the very richest bred calf they have thus far produced. Sir Aaggie Mead De Kol is sired by a son of Aaggie Acme of Riverside 2d, holder of the world's strictly official year record with her production of 1331 lbs. butter. His dam is Aralia De Kol Pontiac Mead, a 2-year-old granddaughter of Riverside Sadie De Kol Burke with a record of 932 lbs. butter in a year. Her dam is Aralia De Kol Mead, who also has a strictly official year record of 1215 lbs. butter, she in turn being from Aralia De Kol, former world's champion 28,000 lb. cow with a year record of 1142 lbs. butter.

Not only are the dams of Sir Aaggie Mead De Kol famous for their 365 day work, but on the other hand they have been able to continue year after year. Five of his seven nearest dams have made two consecutive year records, producing over 2000 lbs. in the time. Five of his seven nearest dams have made 8-months-after-calving records above 20 lbs. and four of the five made over 24 lbs. Another important thing not to be overlooked is the transmitting ability of these dams. Nine daughters of five of his seven nearest dams have records averaging 1065 lbs. butter in a year, and his seven nearest dams with their daughters have an average production of 1089 lbs. butter in a year. The sires have also proven exceptionally prepotent and four of his seven have produced eight daughters that average 1076 lbs. in a year. The 7-day records for the seven nearest dams average over 31 lbs.

As one of the female representatives

FOR SALE OR LEASE

Maplecrest Pontiac Aaggie De Kol 120880

. Born November 7, 1913

Sire—Friend Hengerveld De Kol Butter Boy 29303.

Dam—Maplecrest Pontiac Aaggie Hartog 134781.
Butter 7 days, 5 yrs., 31.61 lbs., milk, 535.10. 2 years, 776.75 lbs. milk 15,753.40 lbs. 365 days.

Her sire—Pontiac Aaggie Korndyke 38291.

Her dam—Burton Highlawn 2d's Hartog, 30.14 lbs. butter, 574 lbs. milk; 30 days, 126.43 butter 2557 milk.

A real show bull, one of his sons was a champion at the National Dairy show. Dark in color and weighs about 2200 lbs. good disposition and the sire of some wonderful calves.

Clermont Holstein Breeders' Co., Inc.

Bethel, Ohio

Fairmont Farm Consignment

TO THE

Moyer National Sale

Philadelphia, Penna.

JUNE 5-6-7, 1919

We are consigning two sons and three daughters of King Segis Pontiac Alcartra from some of the very best producing cows in the Fairmont herd. The animals are all straight, high class individuals and fit to go into any herd in the country.

1—Fairmont Segis Betta, a yearling daughter of King Segis Pontiac Alcartra from Segis Betta, a 29-lb. daughter of King Segis from Betta Lyons Netherland, a 34-lb. daughter of Blanche Lyons Netherland also with over 34 lbs. Segis Betta has always been considered the greatest daughter of King Segis and is widely known as the dam of the great King Lyons. This is just the very best daughter of King Segis Pontiac Alcartra possible to purchase anywhere at any price.

2—King Mooie Alcartra, a 7-months-old son of King Segis Pontiac Alcartra from Sethje Mooie, a 32.54-lb. daughter of Mooie Fayne De Kol from Sethje Golden Nanette, also with over 30 lbs. Sethje Mooie has three times crossed the 30-lb. mark. She is one of the handsomest cows in the Fairmont herd. Her sire is a son of Grace Fayne 2d's Homestead, former world champion 35-lb. cow and granddaughter of Segis Fayne Johanna.

3—Alcartra Charlotte, a 6-months-old daughter of King Segis Pontiac Alcartra from Uneeda Korndyke Charlotte, a 29.35-lb. daughter of Johanna McKinley Segis, he in turn the only 40-lb. son of the Great King Segis. She is a sister to Oakfield Korndyke Segis, 33.26, also to Uneeda Korndyke Abigail, 33.02.

4—King Tidy Alcartra, a 6-months-old son of King Segis Pontiac Alcartra from Tidy Abbekerk Princess Pauline, a 30.26-lb. junior 4-year-old daughter of Tidy Abbekerk Prince and sister to nine 30-lb. cows, including Tidy Abbekerk Princess Gisella, 34.95. with a year record of 1227 lbs. butter from over 27444 lbs. milk.

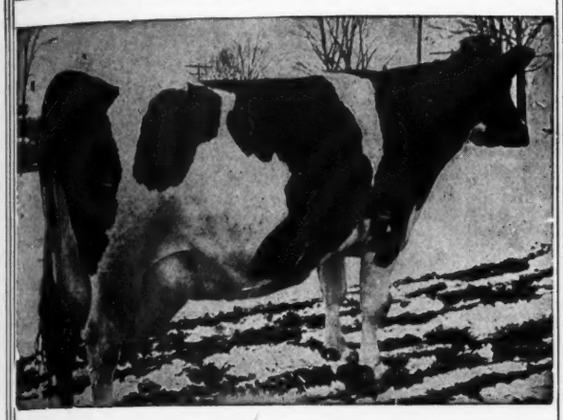
5—Fairmont Victoria Ormsby from Victoria Hengerveld Ormsby, a 27-lb. daughter of Duchess Ormsby Butter King and Lady Victoria Hengerveld Burke with a record of over 29 lbs.

JOHN ARFMANN **Middletown, N. Y.**

POTENTATE

"He is All His Name Implies"

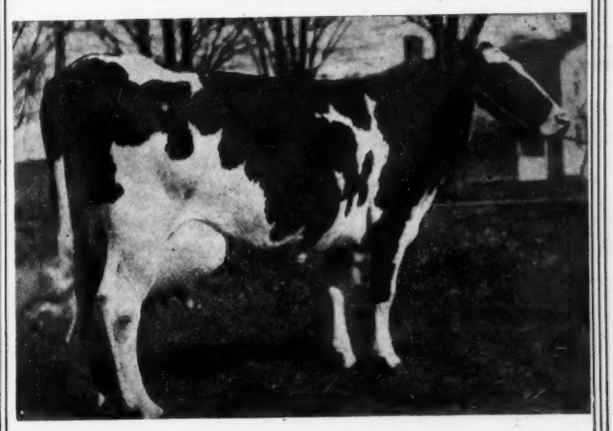
HIS DAM'S DAM



LEAFY DAWN DE KOL

Butter 10y 43.19
Milk 659.90

HIS DAM



LEAFY VEEMAN DE KOL

Butter 40.10
Milk 589.70

His sire's dam:
ADA CORNUCOPIA POSCH

Butter 33.20
Milk 593.90
Butter 30 days 136.31
Milk 2535.60

His dam's sister
B. K. P. DAWN

Butter 37.08
Milk 559.10

His grandam's sister
PAULINE DE KOL OPHELIA

Butter 44.52
Milk 837.40

His sisters (by the same sire)

Mona Pontiac Hengerveld, 4y 37.05
Julia Betsy Pontiac (3½y) 36.49
Clara Mercedes Pontiac (3y) 35.37
Sadie Netherland Segis 3d (4y) 33.27
Maud Netherland Cornucopia (4y) 31.67

Potentate is sired by Cornucopia Korndyke Pontiac, a 33-lb. son of Pontiac Korndyke, now with five 30-lb. daughters.

Potentate's dam is Leafy Veeman De Kol, a 40-lb. daughter of Leafy Dawn De Kol, one of the few 40-lb. cows of the breed with two 40-lb. daughters.

Leafy Veeman De Kol, the dam, sold in public sale for $10,100 and the dam's dam, Leafy Dawn De Kol sold in the same sale for $4,600. They were regarded by everyone present as two of the very handsomest cows of the breed and unequalled as a dam and daughter. Potentate is the only representative of these cows—sired by a son of Pontiac Korndyke.

E. P. & C. J. GEORGE ARCADY FARM CHAFFEE, N. Y.

(Continued from page 154.)

Heifer calf	130
Knokedale Piebe Concordia, C. R. Holman, Waupaca, Wis.	140
Knokedale Aaggie Piebe 4th, Joseph Barnett, Casco, Wis.	165
Worth Ruby Hengerveld	310
Worth Aaggie Ruby Mechthilde, Harry Hohensee, Fond du Lac, Wis.	375
Worth Piebe Concordia	270
Worth DeKol Colantha 2d.	330
Johanna DeKol Ononin Butter Boy, Lee Purdy, Ft. Atkinson, Wis.	280
Marion Sita Korndyke Hengerveld,	300
Fannsy S. Sita Hengerveld	250
Lady Pontiac Rideau Belle Lass, Chas. Schmoeckel, Alma Center, Wis.	280
Worth DeKol Colantha, M. Parsons, Northfield, Minn.	405
Agnes Concordia Hengerveld, R. J. Ross, Oshkosh, Wis.	250
Male calf	60
Male calf, John Peterson, Waupaca, Wis.	30
Lady Lucy Clothilde Pontiac, Peter Ullrich, Lomira, Wis.	275
Worth Aaggie Mercedes De Kol, Albert Immel, Fond du Lac, Wis.	280
Lady Pontiac Pauline De Kol, Palzer Bros, Appleton, Wis.	270
Lady Pontiac Clothilde Josephine, Lee, Purdee.	270
Cleveland Johanna Champion, West Bend Canning Co.	700

(Continued on page 164)

Keep Your Eye On Fond du Lac

The Holstein Hub of Wisconsin

Two Fall Sales—October and December

At the Model $35,000 Sales Pavilion. Watch for announcements.

You will find it good business to consign Quality Holsteins to these sales. Get in touch with us.

Holstein Breeders Sale Co.

South Byron, Wisconsin

S. H. BIRD, Sales Mgr.

(Continued from page 156.)

of this great herd, Messrs. Morris & Sons are sending Tilly Alcartra 2d, 2-year-old daughter of Segis Pontiac De Kol Burke and the famous Tilly Alcartra, the only 33,000-lb. cow in the world and champion over all ages and all breeds. Her two nearest dams average 31,000 lbs. milk in a year. She is described as a very handsome individual and is due to freshen about four weeks after the sale to the services of a full brother to the world's strictly official year record cow. Tilly Alcartra 2d is a full sister to King Morco Alcartra, a sire that the Messrs. Morris are retaining in their own herd. The offering of this daughter of Tilly Alcartra gives breeders an opportunity to secure one of the outstanding heifers of the breed. Never before have they had a chance to bid on a daughter of a 33,000-lb. cow, much less a cow so noted as Tilly Alcartra. Along with Tilly Alcartra 2d, these progressive breeders have consigned two granddaughters of Tilly Alcartra sired by King Morco Alcartra, described above. The two nearest dams of one of these heifers average over 35 lbs. butter in a week and her three nearest dams average over 900 lbs. butter in a year. The other of the daughters of King Morco Alcartra is out of Lady Mead Salambo with 950 lbs. butter in a year, she from a dam with over 1000 lbs. The three nearest dams of this animal average 33.79 lbs. butter in 7 days and 1092 lbs. in a year.

Eastern breeders should welcome the opportunity to secure animals of this breeding and we are sure they will show their appreciation of Messrs. Morris' efforts in sending these four great animals all the way from California to Pennsylvania, and these four being four of the very best on the coast. It is in itself a consignment well worth the trip to inspect.

SPECIAL—Pedigree Prices—SPECIAL

For one week only we will accept orders for the pedigreeing of herds of not less than 25 head at the bargain price of 60 cents each, furnishing three copies of each pedigree on our "B-B" or loose-leaf four generation forms. Please send check with order.

Just Think of It

absolutely up-to-date two color pedigrees of four generations showing all A. R. O. records and filled with information about the animal at this price.

This Offer Will Positively Not Appear Again

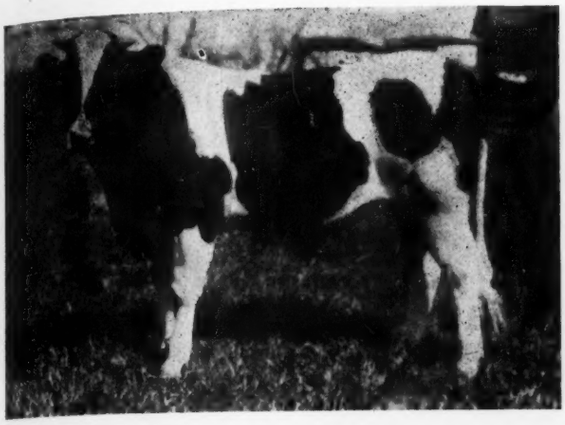
Take advantage of it today—in one week you are too late.

Backus Bros. Pedigree Co. **Mexico, N. Y.**

Brothertown's Best

These Animals, the pick of the Brothertown Herd, go to the MOYER NATIONAL SALE

PHILADELPHIA, JUNE 5, 6, 7



SADIE VALE KING

K. K. S. V. TOPSY 3d

A very handsome son of the famous King Korndyke Sadie Vale (the only sire with a 40-lb. dam, a 40-lb. sister and a 40-lb. daughter) from Sadie Vale Concordia 4th's Pietje, a 38-lb. daughter of a 41-lb. cow. The three nearest dams of this bull average 159 lb. butter in 30 days which average is unsurpassed by any other bull in the world. He is a full brother to King of the Sadie Vales. One of the greatest opportunities in the world to secure a sire of this class.

KING KORNDYKE SADIE VALE is his sire. He has a 40-lb. 3-year-old daughter; a 41-lb. dam and a 40-lb. sister. He has five 30-lb. daughters and the average work of all his daughters is unequalled by any other sire, age considered. He is one of the most sensational sires of his age and sons of him are heading the very best herds in the country. King Korndyke Sadie Vale is by a son of the first 37-lb. cow of the breed—his dam is a 41-lb. daughter of Sadie Vale Concordia, the first 30-lb. cow of the breed.

SADIE VALE CONCORDIA 4th's PIETJE is his dam. In 7 days she made 38.42 lb. butter from 729.5 lb. milk and in 30 days made 152.21 lb. butter from 2692 lb. milk. She is a daughter of Sadie Vale Concordia 4th with records of 41.6 lbs. butter from 691 lb. milk in 7 days and 163.11 lb. butter from 2589 lb. milk in 30 days. The combined records of these two cows for both seven and thirty days were for a long time unequalled by any other dam and daughter. The third dam is the famous old Sadie Vale Concordia with 30.64 lb. butter from 694 lb. milk in 7 days and 123.67 lb. butter from 2752.6 lb. milk in 30 days.

The greatest bred heifer ever born at Brothertown Farms. She combines in the very closest degree the blood of all the most popular and best producing lines of the Holstein breed. She is absolutely without comparison. No heifer in any American sale ring can show a pedigree to compare with K K S V Topsy 3d. Study the marvelous records back of her—the inexperienced man can immediately understand the position she occupies—a position occupied by no other heifer of the breed. She is also a sister to the $106,000 bull.

KING ECHO SYLVIA JOHANNA is her sire. The most perfect specimen of the breed today. Considered by all good judges the peer of any sire of his age. He is sired by Avon Pontiac Echo a son of May Echo Sylvia, the only cow of the breed to produce over 1000 lb. milk in 7 days. His dam is Belle Model Johanna 2d, a two times 37-lb. cow and dam of two 32-lb. daughters. He is widely known as the sire of Carnation King Sylvia. the $106,000 bull. Furthermore his two nearest dams are the very same cows appearing as the two nearest dams of the only $106,000 bull.

K K S V TOPSY is her dam. At 3 years 11 months K K S V Topsy made 40.38 lb. butter from 568.4 lb. milk after dropping twin calves. No other heifer of the breed has ever made 40 lb. after giving birth to twins. She is one of the very greatest heifers of the breed. Her sire is King Korndyke Sadie Vale, with a 40-lb. dam, a 40-lb. daughter and a 40-lb. sister. Her dam is King Segis De Kol Korndyke Topsy a daughter of King Segis De Kol Korndyke with over 33 lb. in 7 days. The records of K K S V Topsy and her two nearest dams average over 37 lb. Think of being able to buy at your own price a daughter of K K S V Topsy!!

TO BE SOLD AT PHILADELPHIA

Here you have an opportunity to buy two of the richest and best bred animals possible to produce in the Brothertown Herd. No breeder can possibly show you better ones. A daughter of a 40-lb. 3-yr.-old and a son of a 38-lb. cow, by a son and from a daughter of a 41-lb. cow.

Sadie Vale Concordia 4th's Pietje and K K S V Topsy are wonderful dams—perfect individuals and numbered among the breed's greatest producers. To buy the offspring of such cows is to purchase the best foundation blood in the world. Look them up at Philadelphia and remember their 40-lb. dams, sisters and grandams. Incomparable—that's all.

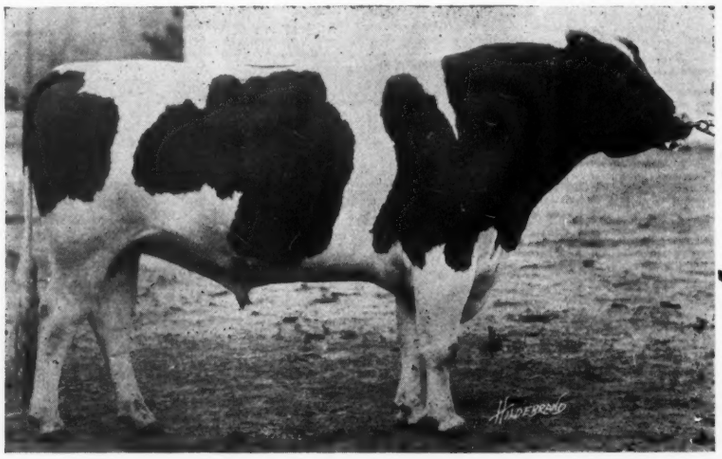
BROTHERTOWN HERD — **Estate of Quentin McAdam** — **Utica, N. Y.**

ROCK RIV

Sir Johanna Fay

EVERY ONE A LEADER

In the pedigree of Sir Johanna Fayne Segis Pontiac every sire for generations back has more than made good. Every one is distinguished through the work of his progeny and the list includes several of the greatest sires of the breed.



SIR JOHANNA FAYNE SEGIS PONTIAC

Success Insurance. The quality represented by Sir Johanna Fayne Segis Pontiac means 100 per cent efficiency for his offspring. There is not a weak link in his chain of ancestry, in any line. His is a heritage of growing power. Such a heritage is the best possible insurance against failure.

Rock River Farms have for sale 15 or 20 very attractive young bulls at prices that will come within the resources of the average breeder. Prices, pedigrees and descriptions upon request.

THE DADDIES I

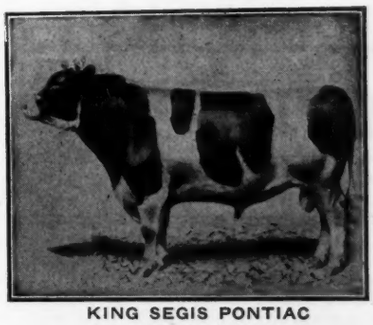
For Production and Individual

Medill McCormick, Owner

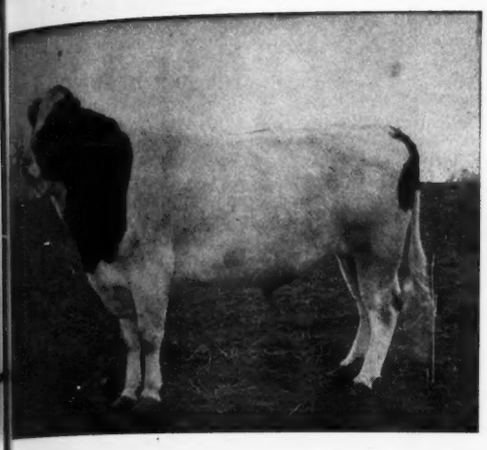
Byron, Ill.

ER FARMS

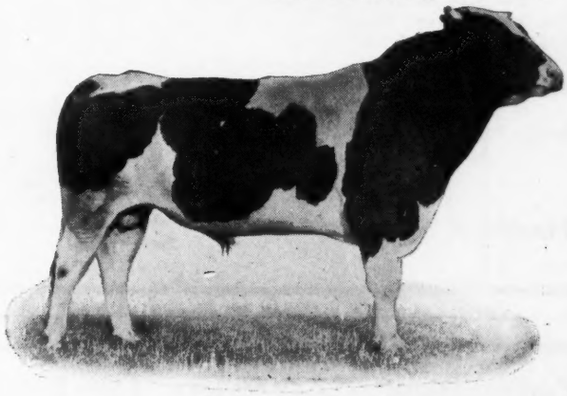
he Segis Pontiac



KING SEGIS PONTIAC
101 A. R. O. daughters

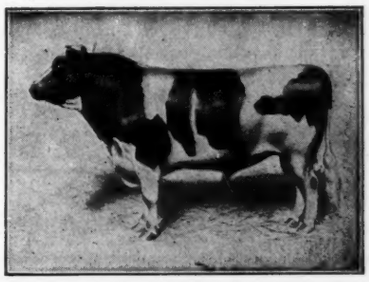


KING SEGIS PONTIAC COUNT
29 A. R. O. daughters. For two years he has headed the list of association prize winning sires through the records of his daughters.



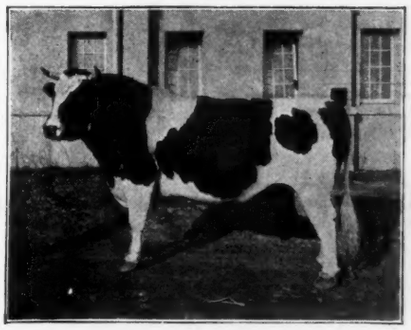
KING SEGIS
87 A. R. O. daughters

AND



KING OF THE PONTIACS
246 A. R. O. daughters

OAK DE KOL OLLIE HOMESTEAD
[illegible] A. R. O. daughters. Grand champion show bull 1916-[illegible]



SIR JOHANNA FAYNE
48 A. R. O. daughters.

HIS PEDIGREE

They Are Peers of the Breed

(Continued from page 154.)
nutrients is worth as much in corn silage as in any kind of food. Compared with clover hay at $24.00 per ton the value of 100 pounds of total digestible nutrients in silage at $8 is as $2.26 for the silage and $2.35 for the one hundred pounds of total digestible nutrients in the hay. In a ton of red clover hay there are 1018 pounds of total digestible nutrients. It is common practice to estimate the value of silage at 1-3 the value of hay. This shows how closely this practice is based on the principle that the food value in it is one third the food value in the hay. However, the yield per acre would be comparable would require a yield of 3 1-3 tons of clover to 10 of corn silage. I think it will be agreed that we get 10 tons of silage per acre much oftener than we get 3 1-3 tons of good clover hay.

Average alfalfa hay yields 1032 pounds of total digestible nutrients per acre and on account of its high protein content and other exceptionally good qualities, coupled with the fact that we can get two crops per year, the comparison between corn silage and alfalfa is a very close one. Total digestible nutrients are as valuable in one as in the other. The best way to dispose of this comparison is to say that the ideal is to have both alfalfa hay and corn silage as the source of the principal feed in the ration.

This paper is a study of the source of feeds. I think enough has been said to show that with the one exception of alfalfa hay the corn plant as a whole preserved as in silage is the best source of feed that we have. The average cost of 100 pounds of total digestible nutrients in concentrates has been about $4.00 for several months. The cost in corn silage, clover and alfalfa hay has been about one half this. Therefore, one can easily see the saving there is in feeding when there is a good quality of roughage furnished as a source of feed with which to combine a good mixture of concentrates.

The other roughage products of the corn plant, corn fodder and corn stover, are valuable in their way only when one doesn't have a silo. A good Holstein breeder, however, needs a silo about as badly as he needs a pure bred bull. I think that most of the readers of the World have pure bred bulls. Some of them, however, do not have silos. I hope those may see this article and see that a silo is as valuable nearly as the bull. Corn fodder is only a makeshift crop. According to the technical definition of the books corn fodder is the entire corn plant harvested with the ears on, if there are any ears. It used to be grown some broadcast, but few farmers would do that in modern times. A variety should be chosen that is reasonably sure to mature so that the grain and stover may be obtained. Immature corn fodder with half grown

(Continued on page 164.)

THIS PROVEN SIRE FOR SALE

I want to sell this bull. I am not so much interested in the cash I receive for him as I am in placing him in a herd where his daughters will be tested semi-officially. If you do not do semi-official work it will be useless for you to make inquiries.

The five nearest dams of Cloverlawn Johanna Piebe average 1070 lbs. butter from 23,809 lbs. milk in a year. He is 4 years old and guaranteed sound and right.

50 of his daughters are now in my herd and nearly all of my cows are in calf to him.

If you want a real high class herd bull, this is a splendid opportunity for you. I also have several of his sons for sale.

JOHN PULS

Hartford Wisconsin

Your Best Cow May Die!

from milk fever. Attacks heaviest milkers—50 to 60 per cent. succumb quickly. Yet the **new air treatment saves nineteen out of every twenty cases.** With the Pilling "Easy to Use" Milk Fever Outfit you can give instant treatment—no dangerous wait for veterinarian.

PILLING *Easy to use* **CATTLE INSTRUMENTS**

Best made, last longest. Backed by 100 years of service.

Write today for our 48-page book showing treatment for milk fever, bloat, garget, hard milkers, etc. Shows and prices all needed instruments.

Case No. 2 contains $3.50 milk fever outfit and 8 other "Easy to Use" Cattle Instruments.
Value $15 for $10

G. P. PILLING & SON CO.
2321 Arch Street Philadelphia

IDLEAZE PONTIAC PIETJE

237282

The greatest son of the greatest daughter of the greatest sire of the greatest breed of cattle on earth.

Watch the future records of Idleaze Pontiac Lass the 42.5-lb. 4-year-old with 715.5-lb. milk. Her 31-lb. 4-year-old sister has repeated this year. Why won't she increase? She is the dam of the great young bull that is the only sire in service at Idleaze.

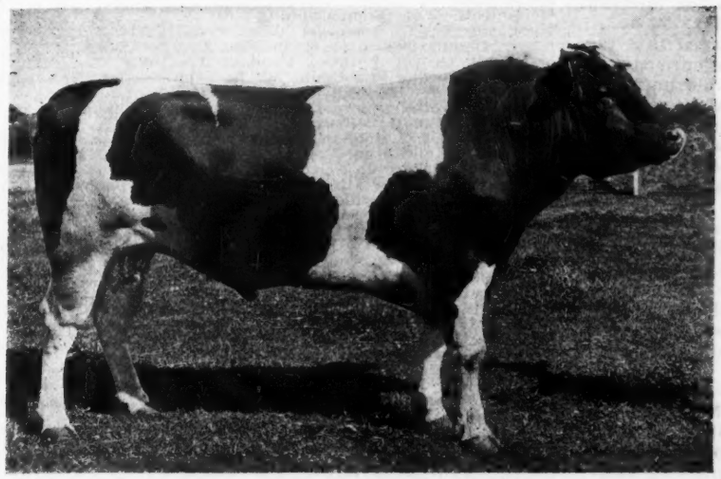
Send for pedigree and terms of service or come and buy a 30-lb. cow in calf to him.

IDLEAZE FARMS Johnstown, N. Y.

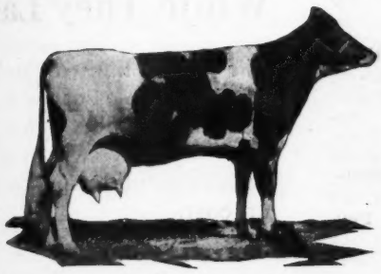
J. W. VAUGHN, Prop.

THE COLONEL

OUR LEADING HERD SIRE

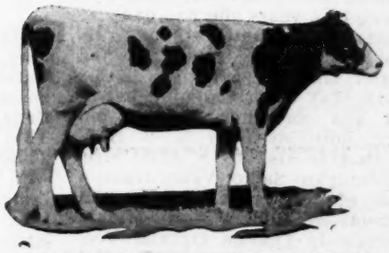


A Son of One of the Breed's Greatest Cows



JEWEL PONTIAC SEGIS

Brother to These Two World Record 1000-lb. Heifers All Being Sired by



BEAUTY BEETS WALKER SEGIS

KING SEGIS PONTIAC COUNT

"The Marvel of All Sires"

The Colonel is a son of Wisconsin Bess Piebe Laura, one of the greatest foundation cows in the Arden Farms herd. She has records as follows:

At 5 years, 2 months, 7 days—

Butter 7 days	29.63
Milk	528.5
Butter 30 days	118.99
Milk	2180.2

Wisconsin Bess Piebe Laura has produced two A. R. O. daughters, one of them having 34.48. She is a very beautiful individual and is from a sister to the sire of the famous Tilly Alcartra, the breed's only 33,000-lb. cow.

The Colonel is sired by King Segis Pontiac Count, whose daughters have broken more than 100 world's records and who is widely famous as the sire of the only 25,000-lb. 2-year-old. He is the only sire with two daughters each of which are champions for both milk and butter in their respective classes in the long time division. Six of his daughters average 1049 lbs. butter in a year, four as 3-year-olds and two as 2-year-olds, these being all that have been tested. He is also the only sire having three 2-year-old daughters with records averaging over 1000 lbs. butter in a year and having ten daughters that as 2-year-olds average over 30 lbs. butter in a week. The Colonel is from the same dam as Piebe Laura Ollie Homestead King, the sire that has met with such great success in the Arden Farms herd. One of his daughters, Veeman Grace Piebe, has just completed a year record of 879.66 lbs. butter from 22983.3 lbs. milk as a senior 2-year-old. The Colonel is the best living representative of two of the greatest families ever brought out at Arden Farms. The Colonel's first daughter to freshen made 20.06 lbs. butter and 424.8 milk 7 days as a Jr. 2-year-old.

BORDEN'S FARM PRODUCTS CO., New York City

nubbins has practically no more value than corn stover from which the corn grain (ears) has been removed. Comparative analysis shows the total digestible nutrients in corn fodder to be 1074 per ton and in corn stover 932 per ton. Therefore, one should be sure to choose a variety suited to one's climate in order to grow all the grain in the plant possible and if the plant cannot be put into a silo pick off the best of the ears for husking and feed the rest as fodder.

Right here let it be urged that the field is no place to house corn stover. The more soluble digestible nutrients and much of the palatability of the plant is washed away by this treatment and this material washed out is of no use to the soil since it is largely carbohydrate in nature. Therefore, preserve the corn fodder under a roof as soon as it is cured enough so that it will not mold too badly in storage in order to have as much total digestible nutrients in the fodder as possible.

The next article in this series will be printed in June and will cover the concentrates derived from the corn plant.

A STRAIGHT 40-LB. CONSIGNMENT TO THE NATIONAL

Very few breeders whose herds are represented in the National can make the statement applicable to the offering of Abbott & Clark—that every animal either has a 40-lb. record, is from a 40-lb. dam or is by a 40-lb. sire. Heading this consignment is Ruby Pietertje Butter Boy, one of the very handsomest 40-lb. cows of the breed. At the age of 5 years she has five records that average better than 27 lb. She has twice made over 30 lb. and last winter made 40.25 lb. With this great cow they are consigning her 2-year-old son and her 7-months-old daughter, both sired by K K S V Wayne that is also by a 40-lb. sire, King Korndyke Sadie Vale, from a daughter of the great Sir Veeman Hengerveld. Another very richly bred female is Pauline Ophelia Veeman, a daughter of Pauline De Kol Ophelia that at the age of 9 years made over 44 lb. butter from over 800 lbs. milk in 7 days and sold at the Columbus sale for $7,100. In order to make the sale of this animal still more attractive, she has been bred to Ormsby Korndyke Lad, a sensational young sire that now has more 30-lb. daughters than any other bull of his age—46 per cent of his entire list have made over 30 lbs. King Korndyke Sadie Vale is represented in this consignment by a son and a daughter, the former having for his dam a 30-lb. daughter of Lady Tobe De Kol, former world champion 36-lb. 4-year-old. The seven nearest dams of this calf are all above 30 lbs., which can be said of but few other calves of the breed. The daughter of this great sire is from S V H Ida, a 32-lb. daughter of Sir Veeman Hengerveld, the next dam by Sir Korndyke Pontiac Artis and the third dam also by Sir Veeman Hengerveld.

Any breeder desirous of a 40-lb. cow, qualified to enter any show ring, will certainly do well to investigate Ruby Pietertje Butter Boy, and remember she was bred in the same herd that produced Katie Paul Burke, the present world champion 4-year-old, their dams being sisters.

(Continued from page 158.)

Quoque Etta Mutual	320
Female calf, Joseph Boucher, Casco, Wis.	290
Mathilda Canary Alcarta 2d.	415
Female calf	190
Daisy Hengerveld Fayne, F. E. Paronto, Waupaca, Wis.	250
Knokedale Mutual Echo, Jos Barrett, Casco Wis.	275
Clover Blossom Pauline DeKol, Peter Ulrich, Lomira, Wis.	450
Female calf, Edward Kabiske, Waupaca, Wis.	140
Kathrine Ellen DeKol	200
Male calf	60
Male calf, John Peterson, Waupaca, Wis.	40
Female calf, E. G. Heidemann, Clintonville, Wis.	155
Female calf, Joseph Boucher, Casco, Wis.	290
Heifer calf	135
Heifer calf, West Bend Canning Co.	200
Male calf, W. L. Schroeder, Winneconne, Wis.	80
Lillian Ononis DeKol, C. E. Peebles, Peebles, Wis.	310
Male calf, George J. Sizer, Fond du Lac, Wis.	50
Vadora Mercedes Von Count 3d, Rudolph Sattler, New Holstein, Wis.	375
Heifer calf, W. H. Fralish, Berlin, Wis.	130
Pioneer DeKol Netherland, George D. Bruns, Elkhart Lake, Wis.	335
Male calf, John C. Miller, Pickett, Wis.	25
Heifer calf, O. S. Holman, Waupaca, Wis.	145
Johanna DeKol Mutual Paul, C. J. Rein, Fond du Lac, Wis.	370
Male calf, Herbert C. Neitman, Fond du Lac, Wis.	95
Worth Aaggie Piebe 4th, Albert Danielson, Stephenson, Mich.	255
Male calf, F. H. Scoville, Butte, des Morts, Wis.	25
Johanna De Kol Mutual Echo, Frank Engel, Fond du Lac, Wis.	405
Male calf, Fred Mertens, Fond du Lac, Wis.	65
Lady Pontiac Pietertje Paul, W. L. Lashbrook, Northfield, Minn.	450
Alice Ononis, O. F. Knocke, Birnamwood, Wis.	300
Male calf, S. H. Bird, South Byron, Wis.	40
Heifer calf, Philip Lehner, Princeton, Wis.	
Knokedale Pietertje Wit, George Buelke, Plymouth, Wis.	250
Lady Mutual Ononis Korndyke, C. E. Peebles, Peebles, Wis.	335
Pietertje DeKol Wit, C. L. Raisler, Bear Creek, Wis.	400
Male calf, Art Zahn, Oakfield, Wis.	105
Pioneer Aaggie DeKol, C. L. Raisler, Bear Creek, Wis.	310
Aaggie Piebe Hengerveld, F. E. Paronto, Waupaca, Wis.	360
Mulvie Johanna DeKol Fayne 2d, John Miller, Picketts, Wis.	180
Male calf, F. H. Scoville, Butte des Morts, Wis.	40
Johanna DeKol Ononis Korndyke, H. L. Ellis, Eureka, Wis.	250
Maplerow Bessie Elizabeth, F. W. Traxler, Plymouth, Wis.	170
Eugenia Pietertje DeKol, E. R. Holman, Waupaca, Wis.	280
Knokesdale Blossom DeKol, Wm. Knapstein, New London, Wis.	280
Limburg Pietertje DeKol, Edward J. Kabiske, Waupaca, Wis.	210
Limburg Jewel Piebe, Shattuck School, Faribault, Minn.	580
Heifer calf, C. R. Holman, Waupaca, Wis.	145
Daisy Johanna Piebe, S. C. Stanchfield, Fond du Lac, Wis.	300
Male calf, Fred Hohensee, Rosendale, Wis.	95

FROM THE NORTH COUNTRY TO PHILADELPHIA

One of the best herds in northern New York, that of S. M. Strickland, Carthage, is consigning some representative families to the Moyer National sale at Philadelphia next June. This consignment consists of the great 34-lb. cow, Dressie Princess Pontiac, who is the best record daughter of her famous sire, Spring Farm King Pontiac, he a great transmitting son of King of the Pontiacs from a 37-lb. dam. This splendid cow has made the following records:

Butter 7 days	33.98
At 4½ yr.	32.22
At 2½ yr.	21.72
Butter 365 days	754.21
Milk	15222.5

Her full sister, Dressie Lady Pontiac has just made a 30-lb. record with 614 lb. milk. This is the 5th 30-lb. record for Mr. Strickland in the last few months.

Mr. Strickland is also consigning a daughter of the above sire by Spring Farm King, who is a full brother to the first 44-lb. cow, he being a son of King of the Pontiacs from a 34-lb. dam.

The records of this heifer's dam and herself, dam and a full sister to her sire, average 38.19 lbs.

The third member of the Strickland consignment is Hengerveld Lockspur Maid Sister, a 34-lb. cow who has made three milk records well above 600 lbs. Her complete records follow at six years:

Butter 7 days	30.71
Milk	680.2
At 5 years:	
Butter 7 days	27.12
Milk	648.8
At 3½ years:	
Butter 7 days	27.46
Milk	632.3
At 2½ years:	
Butter 7 days	20.28

Note that her three best records, one of them at three years old, average 28.42 lbs. butter from 653.8 lbs. milk. This cow is still young and has not by any means reached the limit of her development. She should go on making good records from year to year with a corresponding increase in value.

While They Last

We have a limited number of extra copies of the Convention Number (this issue) which we will be glad to furnish upon application at cost.

Price 25 cents.

Holstein-Friesian World

Syracuse, N. Y.

A BULL BACKED BY SEVEN 30 LB. DAMS IN THE NATIONAL

One of the features of the Moyer National sale will be the sale of a young bull with his first seven dams, all 30 lb. cows. This youngster, about four months old and described as a very pleasing individual is sired by King Korndyke Sadie Vale from Geraldine Rag Apple Korndyke, a daughter of Sir Rag Apple Korndyke, whose dam was a 36-lb. daughter of Pontiac Korndyke. As a senior four-year-old Geraldine Rag Apple Korndyke made 30.21 lbs. butter from 500.6 lbs. milk. Her dam is the former world champion senior 3-yr-old Lady Tobe De

(Continued on page 178.)

Pinery Farm

Mentor, Ohio

Indirectly as a compliment to Mr. H. A. Moyer, distinguished Holstein breeder, so much admired and respected, we are sending to the sale at Philadelphia, June 5th, the famous young bull:

Hengerveld Butter Boy Hartog

H. F. H. B. 216678

Bred by Dan Dimmick, Maplecrest Herd, Geauga County, Ohio. He is a son of Friend Hengerveld De Kol Butter Boy, son of De Kol 2d's Butter Boy 3d, that has made good. This bull is a full brother to two bulls, one belonging to our esteemed President, Mr. Aitken, the other formerly headed the herd of Henry Stevens & Son, most discriminating breeders who sought only the best.

We have two of his full sisters, young heifers that Dan Dimmick thinks the best and most promising, and we are expecting the best from them. You know the story of the dam, grandam and great grandam of this bull. How they are of the great Flora Hartog and Highlawn Hartog families of 30-lb. and over cows with immense yearly records as well. The discussion as to the superiority of 7-day or yearly records is settled in this case. This young bull has both records back of him.

He and his two full brothers have more cousins, aunts and dams with from 30 to 35 lb. 7-day and 1000 to 1344-lb. year records related to them than any other known. It is certainly a wonderful opportunity to secure a most extraordinary specimen of good color, fine bone conformation and the greatest family pedigrees of actual and continued production both for short and yearly record periods back of them. Decidedly the true and proven dairy type that adds actual values not only to the owner but to the Nation as well.

He is in superb condition. We have so many females of his family that we cannot use him and offer him in confidence that his daughters as well as those of his family we own will become even more famous than their ancestors.

Pinery Farms

At Pinery Farms, Mentor, Ohio, there is a young bull born January 31, 1918, named King Segis Valdessa Pontiac, H. F. H. B. No. 254110. He is a son of King Valdessa Pontiac, a 43-lb. bull, son of the first 40-lb. heifer and sired by a son of the first 40-lb. cow. The dam of the calf is Ruth Segis Champion (322585) a daughter of King Segis Champion 71546 and K. S. P. Ruby. Here is some breeding—King of the Pontiacs-King Segis-King Valdessa—say nothing of the wonderful female line appearing in the pedigree. The young bull as an individual is most extraordinary, nearly all white. He possesses a wonderfully rich hide—a remarkable bne structure and an excellent back line. The type and individuality that attract an expert breeder.

An unusual opportunity to secure the finest at the fair price of $2,000

SOME OF THE NATIONAL CONSIGNMENTS

While the advertising which has been running in the several dairy papers for the past few weeks has in a limited way brought out some of the outstanding features in the sale to be held at Philadelphia National Sale, immediately following the annual meeting on June 4th., it has in no way made mention of all the marvelously bred animals that have been pledged by the leading breeders of the United States and Canada. A brief summary of several of these different consignments, might, in a way, serve to impress the public with the importance of this great occasion and bring more forcibly to them the opportunities presented by this great event.

The Fancher Farm herd, famous as the home of Fancher Farm Maxie, the world champion 46-lb. senior 4-yr-old, is sending six animals, every one of which is from a 30-lb. dam or by a son of a 30-lb. cow. Two of the number are brothers and one is a sister to the 46-lb. 4-yr-old, while three of the others are from 30-lb. sisters to her. One of the outstanding members of this consignment is a yearling daughter of the great sire, Dutchland Colantha Sir Inka from Fancher Farm Princess, a 30.88-lb. cow.

A. C. Howe will be remembered as the developer of the famous Tietje Queen De Kol family. He is sending a 2-year-old daughter of Spring Farm King from Glen Alex Queen De Kol, the breed's only 40-lb. 2-year-old, that sold at the Worcester sale for $18,000. This heifer has an especially pleasing combination of 40-lb. records, her two dams both being 42-lb. cows and sired by a full brother to the first 44-lb. cow. Mr. Howe is also sending a daughter of Millspring Pontiac Lass also with a 30-lb. record this calf being sired by the only full brother to the first 44-lb. cow.

The Beaver Dam Stock Farm of Mr. Julius Schmid, will be represented by two daughters of his great sire, Sir Prilly Segis, one of whose daughters has just made better than 34 lb. One of these heifers is from a 30-lb. cow with 930 lb. butter in a year, and the other is from a 31-lb. daughter of Ormsby Korndyke Lad, both of the heifers being in calf to that great sire, better known as the sire with more 30-lb. daughters than any other bull of his age. With these heifers Mr. Schmid is sending a son of Ormsby Korndyke Lad, from a 30-lb. dam with a record of 661 lbs. milk.

John Arfmann's consignment is made up entirely of the get of King Segis Pontiac Alcartra, three of the number being daughters and the remaining two, sons, both of which are from 30-lb. dams. The outstanding heifer is, of course, the yearling daughter of Segis Betta, generally regarded as the greatest daughter of King Segis, she being a 29-lb. daughter of Betta Lyons Netherland, in turn, a 34-lb. daughter of Blanche Lyons Netherland, also with over 34 lbs. Segis Betta is the dam of the great King Lyons with seven 30-lb. daughters. A wonderful combination of breeding is represented in the pedigree of this heifer and her sale will afford the only opportunity breeders will ever be likely to have to purchase a granddaughter of King Segis through his best daughter.

New Jersey, the home of the first 40-lb. cow, is represented by a consignment from Finderne Stock Farms, where Valdessa Scott 2d made the first 40-lb. record of the breed. The consignment is made up almost entirely of her grandsons and granddaughters, sired by the great King Valdessa. Mr. Meyer is sending three daughters and one son of this sire. The son is from Finderne Holingen Fayne, former world champion 37-lb. 3-year-old, and present world champion in the long distance division of the 3-year-old class with a record of 1395 lb. butter. One of the daughters of King Valdessa, is from Finderne Wachusett Fayne, a 35-lb. sister to Finderne Holingen Fayne, from a 33-lb. dam.

The consignment from Strickland Farm is made up entirely of 30-lb. cows or their daughters, the outstanding feature being Dressie Princess Pontiac, an almost 34-lb. granddaughter of Tweede White Lady, 37.45, and her daughter, sired by a full brother to the first 44-lb. cow.

In addition to the blood of Alcartra Polkadot, consigned by John Arfmann, J. W. Prentiss & Son are adding to it very materially by sending a 29-lb. daughter of King Segis Pontiac Alcartra, from a 33-lb. daughter of Alcartra Polkadot, which gives this heifer two crosses of the blood of that great cow. With this heifer they are sending her daughter, sired by The King, in calf to a son of King Korndyke Sadie Vale.

INDIVIDUALITY—

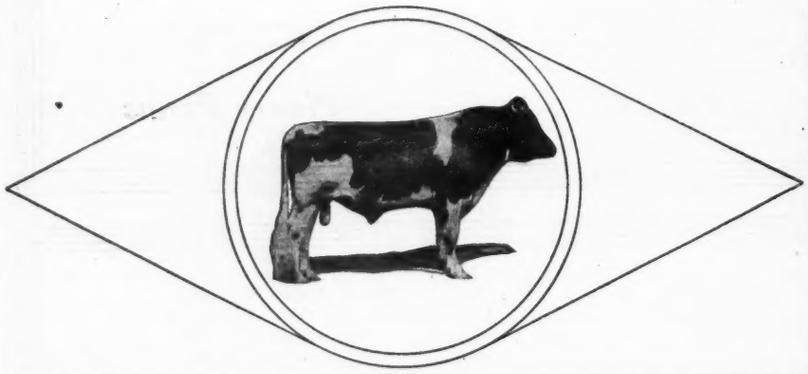
Comparable with the best Show Bull that ever lived.

BREEDING—

Both Hengerveld De Kol and King Segis, plus the former World Champion 42-lb. 4-year-old.

$18,200

That is what the public thought of his dam.

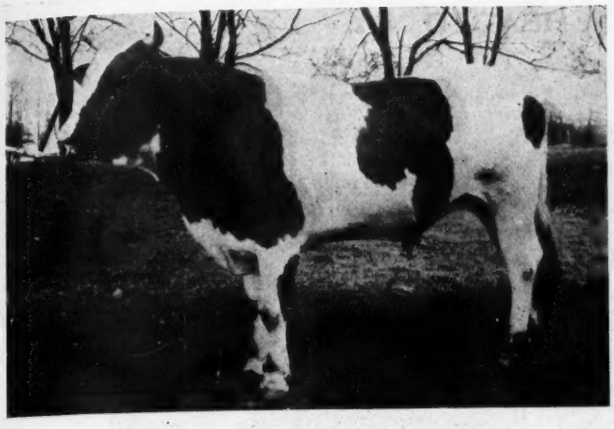


WANDAGA

In the world you will learn of many great bulls—but you will eventually come back to Wandaga and find him to be the Aristocrat he is.

Ward W. Stevens Liverpool, N. Y.

WAKE UP!



SIR PIETJE ECHO SYLVIA

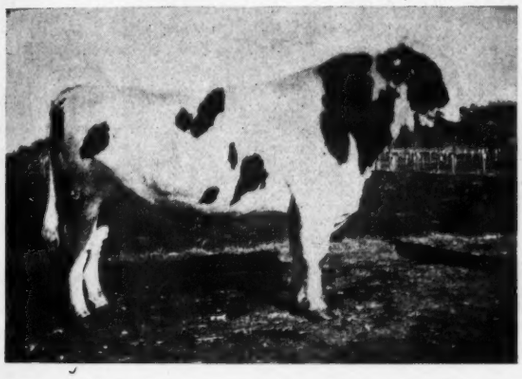
To a Real Herd Bull with Individuality to Spare and Backing Enough for any Two Bulls

Here's Production!

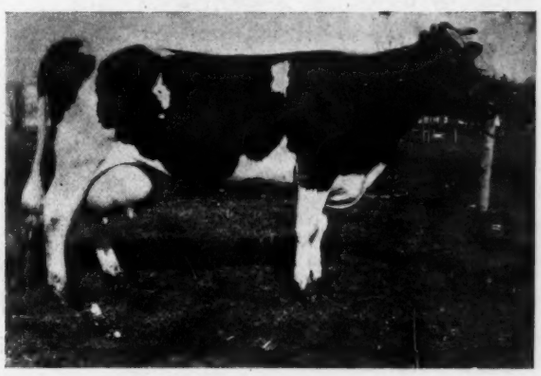
Dam and sire's dam average:	
Butter 7 days	36.64
Milk	756.95
3 nearest dams average:	
Butter 7 days	32 00
Milk	669.93
6 nearest dams average:	
Butter 7 days	33.61
Milk	654.93
9 nearest dams average:	
Butter 7 days	31.53
Milk	627.73
10 nearest dams average:	
Butter 7 days	31.02
Milk	625.55
12 nearest dams average:	
Butter 7 days	30.14
Milk	610.65

HE IS CONSIGNED TO THE NATIONAL SALE!

This is Sir Pietje Echo Sylvia, a 27-months-old son of Champion Echo Sylvia Pontiac from Woodcrest Cornelia Pietje, a daughter of Pietje 22d's Son from a daughter of De Kol Burke. Look at the size for a 2-year-old bull! He is very straight over the back and one of the most attractively bred grandsons of the great May Echo Sylvia. At the time of his purchase he was considered one of the very best youngsters in the Avondale herd.



CHAMPION ECHO SYLVIA PONTIAC



WOODCREST CORNELIA PIETJE

The above illustrations show his sire and dam. They are just the sort of animals you would want to breed from. Straight backed, deep bodied and high class individuals in every respect.

His sire, Champion Echo Sylvia Pontiac, is being retained in the Avondale herd as senior sire. He is sired by Spring Farm Pontiac Cornucopia, a son of the first 44-lb. cow and his dam is the great May Echo Sylvia (41.06 lbs.), who holds all milk records from 7 to 120 days and is the only cow of any breed to produce over 1000-lbs. milk in 7 days. Champion Echo Sylvia Pontiac is from the same dam as Carnation King Sylvia, the $106,000 bull. His two nearest dams average 42.60 lbs. butter from 795.9 lbs. milk in 7 days and 170.6 lbs. butter from 3356.7 lbs. milk in 30 days.

His dam is Woodcrest Cornelia Pietje, one of the four 30-lb. daughters of Pietje 22d's Son. At 3 yrs. 1 mo. she made 25.35 lbs. butter and at 4 yrs. 1 mo. made 32.01 and in ten months time as a senior 4-year-old made 32.26 lbs. butter from 508.1 lbs. milk, thus making two 32-lb. records as a 4-year-old. She is a very beautiful cow and capable of greatly increasing this record. Her dam is a 22.71-lb. daughter of De Kol Burke and has produced two A. R. O. daughters. The third dam has an A. R. O. record also and likewise has two A. R. O. daughters. Her sire's dam is the famous Pietje 22d (31.62 lb.), accepted by everyone as the greatest cow ever brought from Holland.

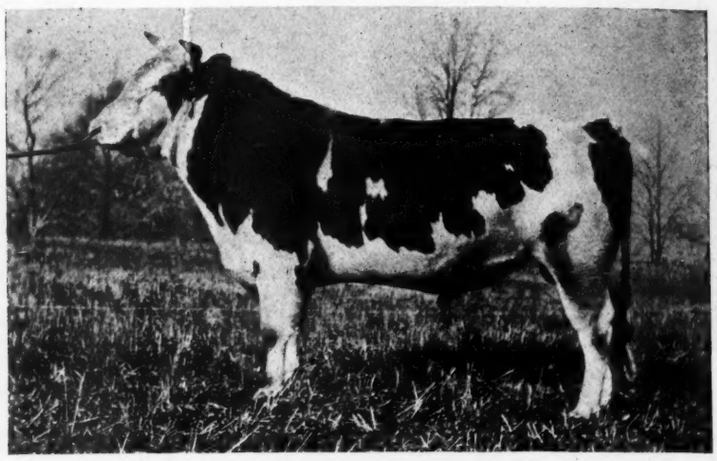
Why Are We Selling Him?

Two years ago a party of local breeders visited the Hardy herd in Canada and selected the two finest sons of Champion Echo Sylvia Pontiac to be found in that large plant. One of them was Sir Pietje Echo Sylvia, the bull we are selling. He has been used extensively the past season in the herds of these four gentlemen and now has about fifteen beautiful baby daughters with something over 50 A. R. O. cows in calf to him. With the increasing number of his daughters, his use is becoming more limited and since we also own his brother of the same age, we reluctantly agreed to let Mr. Moyer have him for his national sale. He represents a very popular line of breeding and certainly no breeder or syndicate of breeders wanting one of the very richest bred grandsons of the greatest milk producing cow in the world should overlook a chance at this fine young fellow. When his young daughters come into milk, they will be given every opportunity in official test and this fact alone is worth a great deal to a sire of his age. Within the next three years he ought to have at least half a hundred tested daughters.

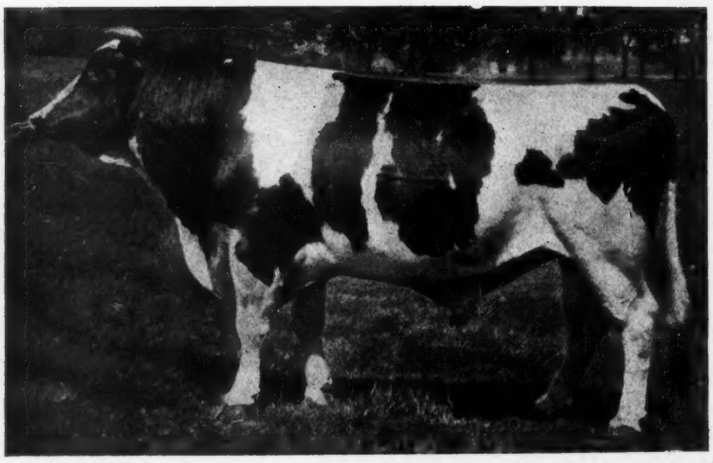
THE MORRISVILLE MAY ECHO SYNDICATE Morrisville, N. Y.

DAISY HILL FARMS

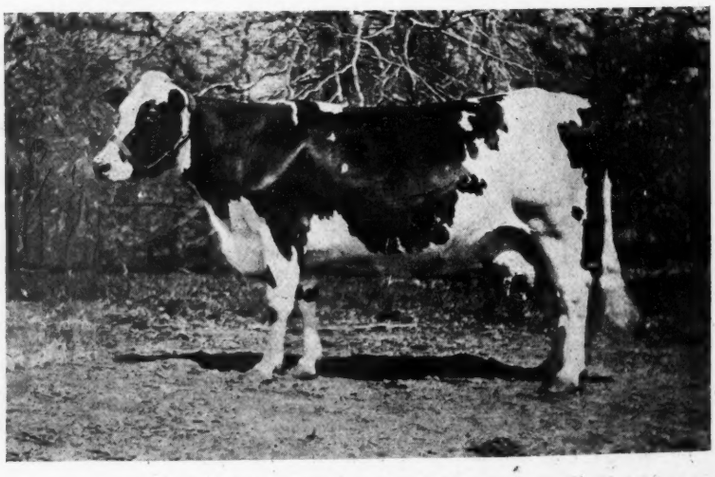
HEADED BY



KING OF THE PONTIACS' SON



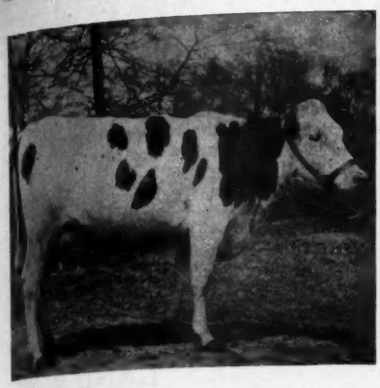
KING OF THE PONTIACS—His Sire



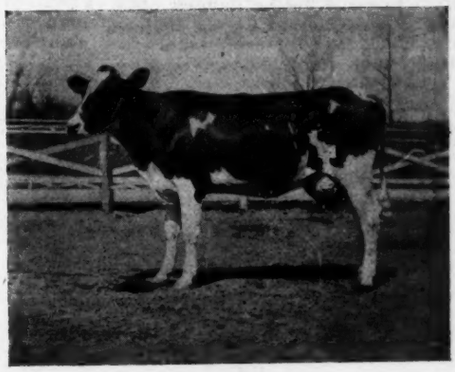
PAULINE BRIGHTVIEW—His Dam

EVERY ONE A DAISY

Study the Wonderful Records of These Heifers



The First Eleven Daughters of King of the Pontiacs' Son

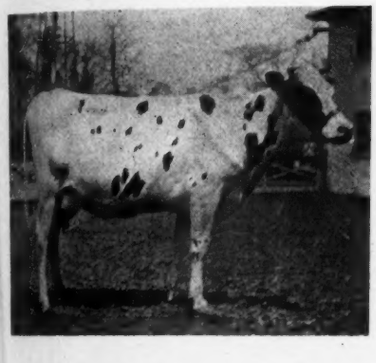


DAISY HILL PONTIAC BERYL

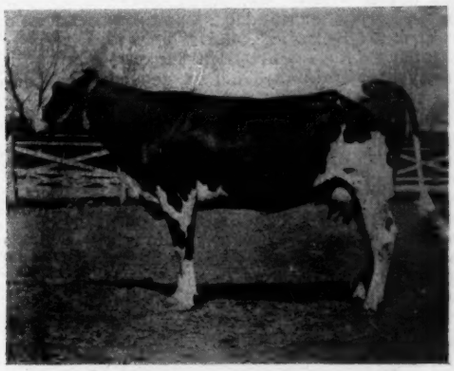
Daisy Hill Pontiac Maggie, No. 347664		
7 days	22.65	420.00
Daisy Hill Pontiac Topsy, No. 349388		
7 days	20.51	446.60
30 days	85.31	1831.80
Daisy Hill Pontiac Beryl, No. 329967		
7 days	18.61	417.00
30 days	76.06	1698.70

DAISY HILL PONTIAC MAGGIE

Daisy Hill Pontiac Cora, No. 333185		
7 days	17.18	346.20
30 days	71.33	1465.30
Daisy Hill Pontiac Verna, No. 347309		
7 days	16.44	363.70
30 days	63.92	1663.80
Queen Kate Pontiac, No. 322097		
7 days	16.27	410.70
30 days	65.85	1713.70



All as Junior Two-Year-Olds



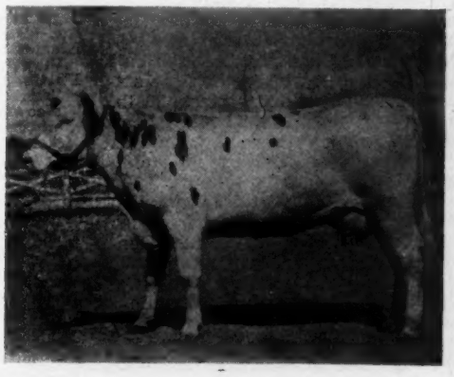
DAISY HILL PONTIAC TOPSY

Daisy Hill Pontiac Pearl, No. 333186		
7 days	18.53	383.30
30 days	71.13	1701.10
Daisy Hill Pontiac Tessie, No. 346423		
7 days	17.29	387.90
30 days	69.15	1637.90

DAISY HILL PONTIAC CORA

Daisy Hill Pontiac Nina, No. 330269		
7 days	16.16	418.40
30 days	63.40	1728.60
Daisy Hill Pontiac Barbara, No. 327380		
7 days	16.09	398.60
30 days	66.08	1590.90
Bulu Princess De Kol 3d, No. 319321		
7 days	14.67	364.50
30 days	60.68	1649.50

All Are On Yearly Test



DAISY HILL PONTIAC PEARL

DAISY HILL PONTIAC NINA

Uncle Sam Inspects the Health of this Long Distance Herd

DAISY HILL FARMS J. A. REYNOLDS **Chagrin Falls, Ohio**

(Continued from page 26.

twenty-six other cows have crossed the 30 lb. mark three different years. Table 3 shows the progress of the breed since 1903, when the first 30 lb. record was made, in the number of 30 lb. and 40 lb. records with the highest record of any age for each year.

Table 3—High Record Cows by Year

	30 lb.	40 lb.	
1902-03	1	0	30.64
1903-04	1	0	34.32
1904-05	0	0	28.41
1905-06	0	0	29.57
1906-07	6	0	35.22
1907-08	13	0	34.07
1908-09	15	0	35.55
(2 30-lb. Repeaters)			
1909-10	24	0	35.38
1910-11	43	0	37.68
1911-12	73	0	38.03
1912-13	75	3	44.18
1913-14	128	0	37.46
1914-15	146	2	41.06
1915-16	196	3	44.42
1916-17	263	13	50.28
1917-18	373	10	47.35
1918-19	—	17	48.19

Note:—Canadian record, 51.93.

Leading Sires of the Year

It is a delicate task to pick out any particular sires among the large number of great bulls of the breed for honorable mention as having made special progress during the year. At the risk of getting into deep water we will comment particularly on the showing of a half dozen whose daughters have been especially prominent during the year. Ormsby Korndyke Lad, who was just getting nicely started in the preceding year, established a new record in the matter of 30 lb. daughters during a single fiscal year, eleven of his daughters having completed records of 30 to 35 lbs. in seven days, three of them making over 700 lbs. milk in this period. So far as we can discover, no other sire has ever equalled this performance in one fiscal year, although as we shall show one other bull has added more 30 lb. daughters to his list in twelve months, comprising parts of two fiscal years. In addition to these 30 lb. records and 700 lb. milk records, the daughters of Ormsby Korndyke Lad have broken world's records in both the eight months after calving and yearly divisions, one daughter, O. K. L. Albina, setting a new mark for senior two year olds eight months after calving for both milk and butter, and a new record for milk production in the year. Especially significant regarding the work of Ormsby Korndyke Lad is the fact that only 30 of his daughters have thus far been tested, which makes an unequalled showing from the percentage standpoint.

King Pontiac Champion was the bull referred to above, who in the past sixteen months has added sixteen 30 lb. daughters to his list. These are so divided, however, that eight came in the previous year, with eight additions and one repeater during the year under consideration. He now has sixteen 30 lb. daughters, which places him but one behind Sir Veeman Hengerveld for the honor of the most 30 lb. daughters of any living sire. Colantha Johanna Lad, who has made a consistently good showing year after year has one of the best years of his career with nine additions to his 30 lb. list, and one daughter in the list producing above 1000 lbs. butterfat. Rag Apple Korndyke 8th by the addition of a 44 lb. daughter, becomes the only living sire of the breed having two daughters above 40 lbs. King Segis Pontiac Count is at least near the top as a money winning sire for 1918-19, although the competition will be closer perhaps than it has been during the two preceding years, in which he was the leader by a very wide margin. Four of the thirteen world's records during the year are credited to his daughters. The young daughters of King Korndyke Sadie Vale also have done creditable work, one of them being the leading junior two year old of the year.

The following list shows the first prize winners for the year. This embodies the complete work of the year, and for its advance receipt we are indebted to Superintendent Gardner.

	Milk	Fat.
Seven-Day Division Milk Records		
Adirondac Wietske Dairy Maid, full age, Bridgford Co.	831.7	32.813
O. K. L. Royal Beets, Sr. Four,, Julius Schmid	809.9	28.260
Lola Pontiac Segis, Jr. Four, J. M. Hackney	772.8	27.396
Pauline Mabel Maid, Sr. Four, Williams & Sons.	753.7	26.205
Superba Palmyra, Jr. 3, Oliver Cabana, Jr.	678.4	31.385
Georgie Pontiac 2d, Sr. 2, McAlister & Son	636.2	18.847
Pabst Dora Champion, Jr. 2, Pabst Stock Farm	555.3	18.063
Thirty-Day Division Milk Records		
Adirondac Wietske Dairy Maid, Full Age, Bridgford Co.	3603.1	126.646
May Clifden Pontiac, Sr. 4, Daisy Hill Farms	2915.9	98.596
Lola Pontiac Segis, Jr. 4, J. M. Hackney	3113.6	112.147
Pauline Mabel Maid, Sr. 3, Williams & Sons	3106.7	105.743
Elmwood Mercedes Fobes, Jr. 3, W. H. Gruhle	2633.5	84.529
Fancy Korndyke Segis, Sr. 2, Lothian Riverode Stock Farms	2479.2	73.904
Miss Aaggie Acme Burke, Jr. 2, Morris & Sons Corp.	2321.1	85.242
Eight Months Division Milk Records		
Tilly Alcartra, Full Age, A. W. Morris & Sons Corp.	558.3	18.319
Beautiful Josephine, Sr. 4, E. C. Schroeder	469.3	17.156
Glen Canary De Kol 2d, Jr. 4, E. C. Schroeder	510.3	21.559
Segis Pontiac Dewdrop, Sr. 3, F. F. Field Hol. Co.	454.8	17.244
Johanna Princess Mooie 2d, Jr. 3, Palo Alto Stock Farm	480.7	19.038
Pontiac Irene, Sr. 2, State Hospital, Pontiac	513.0	19.125
Pabst Korndyke Cornflower, Jr. 2, Pabst Stock Farm	484.7	16.671
Ten-Months Milk Records		
Fryslan Waldorf, Full Age, Iowana Farms	24006.3	823.79
Princess Jonge Buckeye, Sr. 4, A. E. Smith	22070.0	656.95
Walker Korndyke Segis Ophelia, Jr. 4, H. F. du-Pont	19987.0	665.92
Segis Pontiac Dewdrop, Sr. 3, F. F. Field Hol. Co.	18155.5	686.75
Kismet Fayne of Valley View, Jr. 3, Ralph King	18177.9	662.82
Hattie Jane Segis, Sr. 2, Carnation Stock Farms	16996.6	593.29
Walcowis Korndyke Walker, Jr. 2, Dickinson & Son, Nathan	15064.3	500.22
Yearly Milk Records		
Tilly Alcartra, Full Age, Morris & Sons Corp.	33425.3	1058.42
May Clifden Pontiac, Sr. 4, Daisy Hill Farms	25074.6	863.54
Pledge Pietje De Kol, Jr. 4, Dairy Division, Mont.	24075.0	692.82
Oak De Kol Segis, Jr. 4, Dairy Division, Mont.	23610.8	671.74
Jewel Pontiac Segis, Sr. 3, J. M. Hackney	27068.5	936.92
Johanna Princess Mooie 2d, Jr. 3, Palo Alto Stock Farm	25596.5	937.74
Beauty Beets Walker Segis, Sr. 2, J. M. Hackney	25343.3	832.51
Walcowis Ollie Mooie, Jr. 2, N. Dickinson & Son.	21569.7	808.55
Seven-Day Division Butterfat Records		
Pietertje Fayne Johanna, Full Aged, Bloomingdale Farms	732.2	38.548

(Continued on page 174.)

Train Service for Pine Grove Sale

Extra coaches attached to the morning trains leaving Buffalo at 7.45 and 9.00 a. m. for Elma, N. Y. will be provided during the days of the Pine Grove Dispersion at Buffalo next week. All evening trains for Buffalo will stop at Elma and they will carry extra coaches for the accommodation of the people who are expected to attend this sale.

This concession was obtained by the management of Pine Grove Farms through the courtesy of the Pennsylvania Railroad officials, and adequate facilities are thus provided for reaching Pine Grove Farms from Buffalo.

640 ACRES LAND FOR A BULL

I am in need of a good Holstein bull, must be the best of breeding for long distance and short records, no skips in dams for four generations straight on back and a good individual, age does not make any difference 2 months up. This is an exceptional offer for some one that has a bull near the value of my land, this land is good Texas grazing land and will bear close inspection and is a good investment as all Texas lands will double in value in a few years. I will take $10 per acre for this land and take the amount in trade for a bull of about this value but he must be worth the money, submit your best offer and I will consider every one offered and the best one gets the land. Texas is being prospected for oil and this land is not leased at this time.

E. S. CUNNINGHAM

Box 392 Gainesville, Texas

FOR SALE

200 bushels sugar beets for testing. In excellent condition.

Thos. H. Dixon

Syracuse, N. Y., R. F. D. No. 1.
Telephone—James 6-F-4

PICK FROM THIS HERD

Our entire herd is line-bred King of the Pontiacs breeding. The sire is Superba Permona King. We have cows, heifers and young bulls for sale.

O. B. Mowry Mexico, N. Y.

BEETS FOR SALE

We have for immediate sale 100 bushels cattle beets suitable for A. R. O. testing.

D. N. HARTT

Cazenovia, N. Y.

WANTED

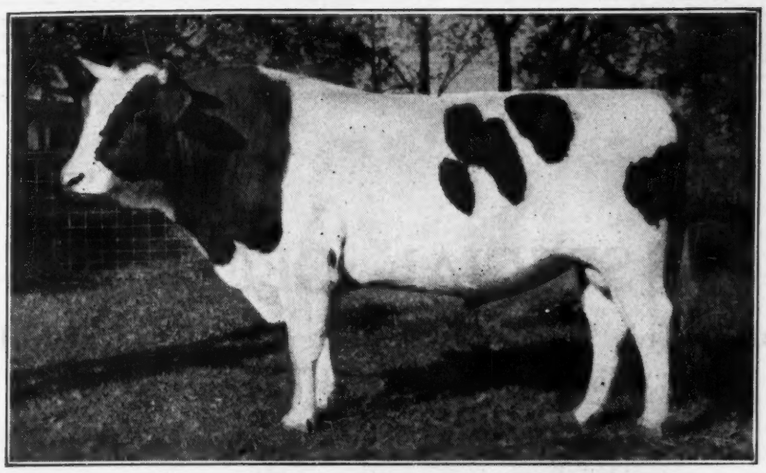
To buy registered Holsteins. Must be good individuals. Full particulars and price in first letter.

R. H. Beard & Sons

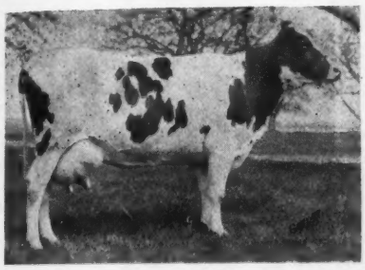
Cortland, N. Y.

A FEW SPECIMENS OF THE

TAMARACK and HOLLYHOCK FARMS

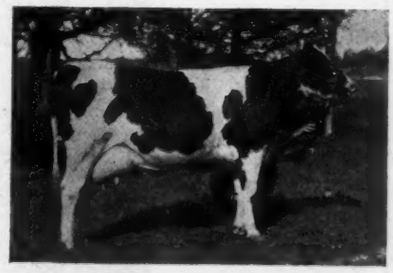


King Pontiac Artis Sadie Vale—Senior herd sire—a 34-lb. son of King Korndyke Sadie Vale. Five nearest dams average 37.31 lb. He has a 40-lb. 3-year-old sister and a 41-lb. paternal grandams.



Mary Segis Beets, a 30-lb. cow with 121.28 lb. butter in 30 days. State champion Jr. 4-year-old.

If you would be interested in buying a bull sired by this splendid son of King Korndyke Sadie Vale and out of a cow like these shown on this page write to the



Oak Lodge Colantha Lady. 17.75-lb. butter, 404.9 lb. milk, 25 months.

Twin heifer of Zerma Pride 29.97 lb. A show heifer.

TAMARACK

AND

HOLLYHOCK

FARMS

Dousman, Wis.

Portage Pietertje Walker. A cow that averaged 100 lbs. milk for 150 days.

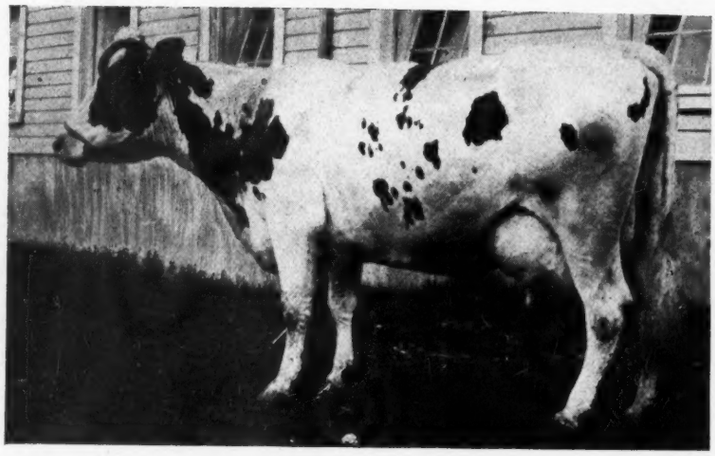
Zerma Pride, 29.97. Dam of the heifer above. "Like begets like."

Bonny Johanna Mowie De Kol, 29.63 lb. butter, 518.90 lb. milk.

GUSTAVE PABST, Owner *FRED J. SOUTHCOTT, Mgr.*

SPECIAL OFFERING

A Son of This Wonderful Daughter of HENGERVELD DE KOL
Sired by THE MIGHTY MONARCH



A Fine Individual

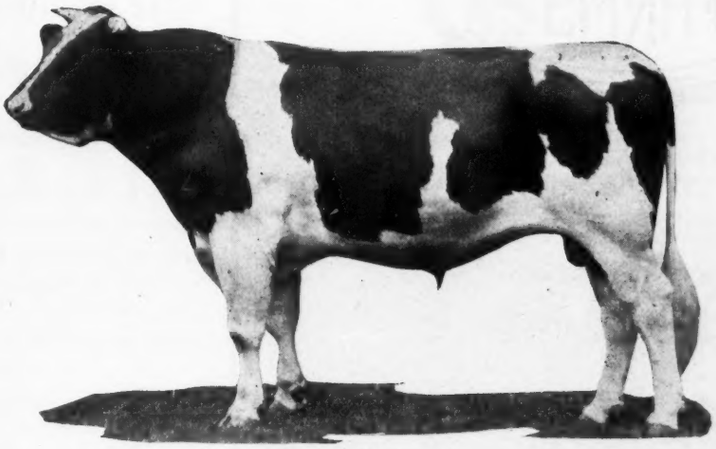
Nicely Marked

Born April, 19 1919

Allenvail Hengerveld Aaggie is one of the very handsomest daughters of Hengerveld De Kol—a perfect show cow. She has a 7-day record of 23.53 lbs. butter from 488.6 lbs. milk and has produced one A. R. O. daughter. Her dam is by Johanna Aaggie's Sarcastic Lad by the great Sarcastic Lad from a daughter of De Kol 2d's Paul De Kol. Just think of combining in the closest possible degree the blood of Hengerveld De Kol and Johanna Aaggie's Sarcastic Lad on the dam's side together with King of the Pontiacs (the only sire with 3 40-lb. daughters) and Segis Fayne Johanna (the first 50-lb. cow), on the sire's side. You simply cannot find anything better.

If you want to get right up close to the lines that have made Holstein history—here is your one chance. A beautiful calf from one of Hengerveld De Kol's greatest daughters and by a nationally known sire. Price on application, or better still, come and see him, his dam and his great sire.

BROAD MEADOWS FARM PA



THE MIGHTY MONARCH

A son of the famous sire, King of the Pontiacs, from Segis Hengerveld Fayne Johanna, a 47-lb. daughter of the breed's first 50-lb. cow. His three maternal dams average 45.82 lb. butter.

Read about his son, from a daughter of old Hengerveld De Kol, offered on opposite page.

THE ONE OPPORTUNITY TO GET SUCH BREEDING

PAWLING, NEW YORK

(Continued from page 170.)

Tietje Queen De Kol 2d, Sr. 4, A. C. Howe	639.2	34.632
Katie Paul Burke, Jr. 4, Abbott & Clark	690.5	35.692
Matador Hengerveld Bess, Sr. 3, Oliver Cabana Jr.	603.0	32.468
Superba Palmyra, Jr. 3, Oliver Cabana Jr.	678.4	31.385
Glen Alex Tweede De Kol, Sr. 2, A. C. Howe	454.6	24.794
K K S V Princess Tricksey, Jr. 2, W. D. Robens	442.9	22.837
Thirty-Day Division Butterfat Records		
Adirondac Wietske Dairy Maid, Full Aged, Bridgford Co.	3603.1	126.646
Rag Apple Aaggie Colantha, Sr. 4, D. W. Field Farm Co.	2851.3	130.933
Katie Paul Burke, Jr. 4, Abbott & Clark	2834.6	134.364
Pauline Mabel Maid, Sr. 3, R. G. Williams & Sons	3106.7	105.743
Marion Clover Blossom 3d, Jr. 3, Summit Lumber Co.	2498.6	110.372
Traverse Colantha Walker, Sr. 2, Traverse City State Hospital	2227.9	100.273
K. K. S. V. Princess Tricksey, Jr. 2, W. D. Robens	2006.8	89.573
Eight Months Division Butterfat Records		
Emeretta Korndyke De Kol, Full Aged, H. F. duPont	558.3	20.777
Beautiful Josephine, Sr. 4, E. C. Schroeder	469.3	17.156
Glen Canary De Kol 2d, Jr. 4, E. C. Schroeder	510.3	21.559
Segis Pontiac Dewdrop, Sr. 3, F. F. Field Holstein Co.	454.8	17.244
Johanna Princess Mooie 2d, Jr. 3, Palo Alto Stock Farm	480.7	19.038
Pontiac Irene, Sr. 2, Pontiac State Hospital	513.0	19.125
Pabst Korndyke Cornflower, Jr. 2, Pabst Stock Farm	484.7	16.671
Ten Months Division Butterfat Records		
Fryslan Waldorf, Full Aged, Iowana Farms	24006.3	823.79
Pontiac Dallya, Sr. 4, Pontiac State Hospital	20137.6	662.19
Korndyke Model Hartog, Jr. 4, Carnation Stock Farms	19794.4	698.28
Segis Pontiac Dewdrop, Sr. 3, F. F. Field Holstein Co.	18155.5	686.75
Kismet Fayne of Valley View, Jr. 3, Ralph King	18177.9	662.82
Hattie Jane Segis, Sr. 2, Carnation Stock Farms	16996.6	593.29
Mollie Wayne Korndyke, Jr. 2, Lothian Riverode Stock Farms	14999.7	536.51
Yearly Division Butterfat Records		
Emeretta Korndyke De Kol, Full Aged, H. F. duPont	28035.7	1077.55
Miss Colantha Korndyke Ormsby, Sr. 4, J. B. Irwin	22350.3	871.55
Rose King of Cornella, Jr. 4, Hargrove & Arnold	19173.1	836.12
Jewel Pontiac Segis, Sr. 3, J. M. Hackney	27068.5	936.92
Johanna Princess Mooie 2d, Jr. 3, Palo Alto Stock Farm	25596.5	937.74
Beauty Beets Walker Segis, Sr. 2, J. M. Hackney	25343.3	832.51
Rose De Kol Wayne Butter Boy, Jr. 2, Hargrove Arnold	20830.4	913.86

WHEATFIELD FARMS

"It is our aim to produce for the progressive dairymen who desire high milk production with a high average fat at reasonable prices."

ORMSBY JANE KING—At the Head of the Herd

A Son of the Only Two Times 40-lb. Cow

Remember these things about his dam: No other 40-lb. cow has given as much milk in connection with her best seven-day butter record. No other cow has twice made over 40 lb. No other cow has ever equalled her butter records for 60, 90 and 100 days. That she averaged over 101 lb. milk a day for 100 days and showed an average weekly butter production of almost 40-lb. for the entire 100-day period. Ponder over these facts and picture a calf by Ormsby Jane King from your best cow. The service fee is very nominal and can be arranged to your entire satisfaction.

WHEATFIELD FARMS La Salle, N. Y.

J. C. DOLD, Owner H. S. TAYLOR, Supt.

One Hundred Dollar Guessing Contest

We are requested to announce that Mr. William Cox, 72 Kensington Ave., S. Hamilton, Ontario, Canada, offers $100.00 to the first subscriber to the World, excepting only subscribers in the Province of Ontario, Canada, to guess the correct weight of the bull, King Segis Colantha Champion, which he is selling in the National Sale at Philadelphia, as advertised on page 139.

The photograph was taken April 22d, 1919, when the bull was 13 months 3 weeks old.

The contestants are to guess what the weight of the bull will be on the morning of the first day of the sale, when he is to be weighed and the contest decided.

King Segis Colantha Champion is a son of the world's record 1st calf senior 2-year-old, Lakeview Dutchland Calamity Rose (31.71).

All entries must be in by June 3d, 1919, and should be mailed to William Cox, 72 Kensington Ave., South Hamilton, Ontario. In case of a tie, the earliest postmark will be the successful competitor.

SPRING FARM KING

THE ONLY FULL BROTHER TO THE FIRST 44-lb. COW

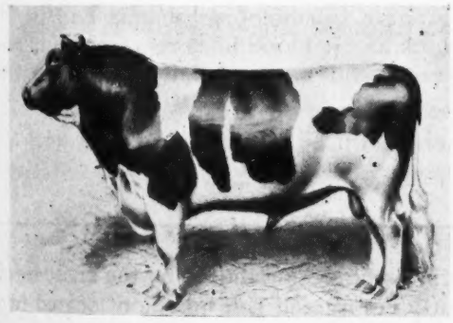
Here are his first tested daughters:

Spring Farm Pontiac Pet 2d, 2y 2m	27.17
Milk	491.70
Lotta Pontiac S. F. King, 2y 4m	24.16
Milk	428.20

HIS SIRE

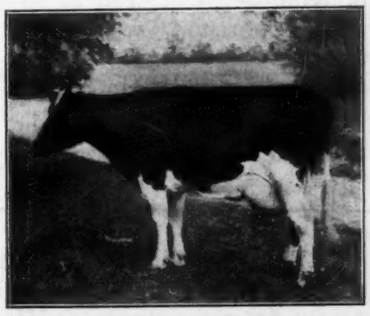
Beets De Kol Spring Farm King, 2y	22.40
Milk	440.80
S. F. K. Pontiac Mary, 2y	21.16
Milk	368.40
S. F. K. Ormsby Pontiac, 2y	20.00

HIS DAM



KING OF THE PONTIACS

His First Six Tested Daughters All as Junior 2-Year-Olds Average Butter 22.10



TWEEDE DE KOL LASS

Spring Farm King is the only full brother to the first 44-lb. cow of the breed, K. P. Pontiac Lass, former world champion for all periods from seven to one hundred days. No other sire can transmit so much of the blood that produced this marvelous cow.

He is by King of the Pontiacs, the only sire with three 40-lb. daughters and now with thirty 30-lb. daughters. His dam is Tweede De Kol Lass, 34.38 lb. butter from 539.5 lb. milk in 7 days, 128.95 lb. butter from 2220.6 lb. milk in 30 days in addition to the first 44-lb. cow she has also produced a 30-lb. daughter and is the dam of Spring Farm King Pontiac 6th. She is a sister to Tweede White Lady 37.45 lb. in 7 days, 1127-lb. in a year.

The young daughters of Spring Farm King are starting out at a record breaking pace, five of his first six making over 20-lb. as 2-year-olds. He promises to become one of the best sons of his sire. We have several very fine sons of Spring Farm King from our high record cows. They are for immediate sale.

SPRING FARM HERD F. M. JONES Owner **Clinton, N. Y.**

THE GRAHAMHOLM CONSIGNMENT

—TO THE—

Southeastern Minnesota Breeders' Sale

WEST CONCORD, MINN.

JUNE 2, 1919

27 FEMALES — 3 BULLS

20 A. R. O. COWS

Included in the consignment are eight daughters of Sir Winana Beets Segis, one of the best proven sons of the famous King Segis. There will also be included two daughters of the great show bull, Aaggie Cornucopia Johanna Lad Jr., one with a junior 4-year-old record of 22.70 and in 106 days has produced 339.9 lbs. butter. Her dam has over 29 lbs. at 12 years and also has a good year record. We are also consigning a 28-lb. maternal sister to Aaggie Barbetta Grahamholm. Another outstanding cow will be Skylark Ormsby Hengerveld De Kol, a 26.72 lb. daughter of Sir Ormsby Hengerveld De Kol, having a year record of 778 lbs. butter, and sister to Pietertje Maid Ormsby, a 35-lb. cow and former world champion in the 30-day division.

This sale will offer you a great opportunity to secure heavy producing granddaughters of King Segis as well as daughters of the famous Aaggie Cornucopia Johanna Lad Jr. It is an opportunity western breeders should not overlook as the blood lines represented in the animals to be offered are the same as many of the successful national dairy show winners of the past two years.

It must also be remembered the Grahamholm herd is on both the state and federal accredited list.

This sale will consist of 112 head of high class Holsteins contributed by the breeders of southeastern Minnesota. It will be held in the recently completed sale pavilion located two blocks from the depot, at West Concord, Minnesota on Monday June 2d.

West Concord, Minn., is on the Chicago & Great Western railroad, 60 miles south of St. Paul. Catalogs can be obtained from C. L. McNelly, County Agent, Dodge Center, Minnesota.

Col. PERRY—Auctioneer **S T WOOD, Director**

GRAHAMHOLM FARM Rochester, Minn.

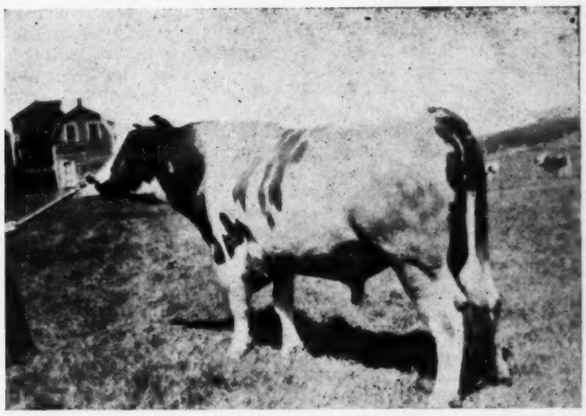
GRAHAMHOLM HERD

Dr. Christopher Graham, Owner — W. J. Boynton, Manager

HERD SIRES

Sir Winana Beets Segis

One of the best proven sons of the great King Segis from a daughter of Paul Beets De Kol. His 25 tested daughters now include 8 with records from 21 to over 35 lbs. He has four daughters with records above 770 lbs. butter in a year and three daughters with records over 800 lbs. in a year. His get are outstanding individuals, one of his sons being grand champion at the Minnesota State Fair for two years, also at the Dairy Cattle Congress. He is ¾ brother to the sire of the world champion senior 4-year-old and is brother also to the sire of the first 50-lb. cow.



Dutchland Creamelle Colantha Lad

Dutchland Creamelle Colantha Lad is a young sire with five tested daughters, all as 2-year-olds, and having records from 13 to 22.9 lbs. Two of his five have made better than 22 lbs. He is sired by Dutchland Creamelle Korndyke Lad from Dutchland Changeling Colantha Lad a 30-lb. daughter of Colantha Johanna Lad, the former world champion junior 3-year-old in the long time division with a record of 946 lbs. butter from over 21239 lbs. milk. His second dam is the famous Ready Change with 31.16 lbs. butter from 720 lbs. milk in 7 days and 129 lbs. butter from 3069 lbs. milk in 30 days. The third dam is the famous Changeling. The records of his six nearest dams average 30.90 lbs. butter from 690 lbs. milk. His two nearest dams average 902 lbs. butter from 21995 lbs. milk in a year. One was the former world champion junior 2-year-old and the other former world champion junior 3-year-old.

We offer for sale sons of Dutchland Creamelle Colantha Lad from daughters of Sir Winana Beets Segis. This combination of breeding brings into the pedigree many of the very greatest sires and dams of the breed, including Paul Beets De Kol, King Segis, Colantha Johanna Lad, Pontiac Korndyke and Pontiac Butter Boy. The calves are large, straight, promising individuals and high class animals in every respect.

The Grahamholm herd is on both the state and federal accredited list.

GRAHAMHOLM HERD

Rochester, Minn.

(Continued from page 164.)

Kol with 36.59 lbs. butter from 631 lbs. milk. The third dam is Christmas Tobe 2d, 31.66 lb. butter from 571 lb. milk. Geraldine Rag Apple Korndyke is by a sire carrying 62½% of the blood of Pontiac Korndyke.

In combination with this wonderful aggregation of 30 lb. dams on the maternal side we have as a sire of the calf to be sold, the noted King Korndyke Sadie Vale—now with six 30 lb. daughters and famous as the only sire of the breed with a 40-lb. dam, a 40 lb. sister and a 40 lb. daughter, he being from Sadie Vale Concordia 4th, a 41-lb. daughter of the breed's first 30 lb. cow.

(Continued from page 34.)

the test. Our opinion is that the law should be compulsory in every pure-bred herd of every breed. From a selfish standpoint, will say that putting our herd under state and federal supervision is the best advertisement that we ever made. It is also invaluable in our export work. We have a considerable trade on cattle going to other countries, and having the federal test on our whole herd saves us considerable inconvenience in having to make a federal test of each individual shipment."—R. R. Giltner of Giltner Bros., Eminence, Ky.

"I may summarize my own experience by saying that in my first test, nearly four years ago, 33 per cent. of my milking herd reacted, and 10 per cent of my young stock. Since that time, in tests repeated each six or eight months, I have never had more than a single reaction at any one test among animals in my original herd or bred by me subsequently. I think this result very encouraging, and if it is typical, it would indicate that the cost of cleaning up a herd is slight after the first plunge, which we all probably realize is serious."—Ellicott D. Curtis, Owner, Avalon Farms, Bantam, Conn.

"About 15 years ago I bought six heifers from another state and upon giving them the tuberculin test three reacted. I put the three good ones in my herd and upon testing two or three years later, one of the three reacted, also one of my own raising. I have continued the tuberculin test since that date to the present time without a reactor. Without the test at that time the chances are my herd, like many others, would have been thoroughly impregnated with the disease. No breeder of pure bred cattle in this state can afford to omit the tuberculin test."—L. Lamberson, Proprietor of Lakeview Farm, Warren, Minn.

"Continuous knowledge of the conditions of his herd, as to tuberculosis, is absolutely essential to the successful breeder of cattle. Fortunately our herd has again been found free, but had we found reactors, their removal would have made the balance of the herd safe. An initial loss, if necessary, care under department rules and a clean herd thereafter are sure to result in ultimate great saving, to say nothing of the relief from the grave responsibility farmers and breeders assume who sell dairy products and beef from untested herds."—H. L. Hartley, Manager of Island Farm, Duluth, Minn.

"We have had our herds tested twice now, the first test was rather expensive experience as we lost some of our best animals by having some of them react. Nevertheless, we believe it was the best that could have happened as we have now a clean herd and will keep it that way as every animal added to our herds from now on will have to conform to all federal regulations as far as test in concerned."—L. L. Riley, Fergus Falls, Minn.

"I will say that I consider the accredited-herd plan one of the greatest movements for live-stock advancement ever made in our state. Freedom from disease means more profitable cattle as any breeder will acknowledge and the benefits in other lines are so far reaching that the time is fast approaching when every state will be following the example of Minnesota."—W. S. Moscrip, Pres. Minnesota Live Stock Breeders' Association, University Farm, St. Paul. Minn.

"I consider the present plan of co-operation of the state and federal government with the breeder for the eradication of tuberculosis as a great move in the right direction, and it the breeders of the country will take advantage of it, cannot help but wipe this disease out of all the breeding herds of the United States."—Alex Chambers, Owatonna, Minn.

"The certificate of an accredited herd I find of great value and assistance in a sale of animals from my herd, and from my experience, I am certain that one who does not have his herd cleaned up so far as tuberculosis is concerned, is making a blunder that will cost him dollars and cents far in excess of any immediate loss he may sustain in having his herd cleaned up."—M. D. Munn, St. Paul, Minn.

Train Service for Pine Grove Sale

Extra coaches attached to the morning trains leaving Buffalo at 7.45 and 9.00 a. m. for Elma, N. Y. will be provided during the days of the Pine Grove Dispersion at Buffalo next week. All evening trains for Buffalo will stop at Elma and they will carry extra coaches for the accommodation of the people who are expected to attend this sale.

This concession was obtained by the management of Pine Grove Farms through the courtesy of the Pennsylvania Railroad officials, and adequate facilities are thus provided for reaching Pine Grove Farms from Buffalo.

While They Last

We have a limited number of extra copies of the Convention Number (this issue) which we will be glad to furnish upon application at cost.

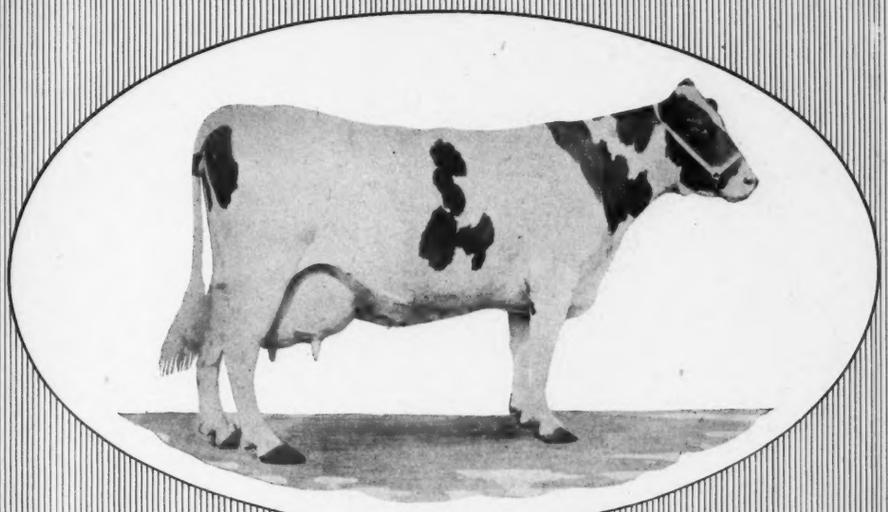
Price 5 cents.

Holstein-Friesian World

Syracuse, N. Y.

The following are the names of the officials who live stock men may consult regarding tuberculosis problems. The campaign of eradicating tuberculosis is being carried on in cooperation with the state live stock sanitary officials and persons desiring information on this subject should communcate with the State Veterinarian or the official in charge of live stock sanitary work in the state.

Station	Inspector	Address	States under Supervision
Albany, N. Y.	Dr. H. B. Leonard	Care Dr. J. G. Wills, Chief Veterinarian	New York
Albuquerque, N. Mex.	Dr. F. L. Schneider	P. O. Box 464	New Mexico
Atlanta, Ga.	Dr. W. M. MacKellar	526-29 Federal Building	Georgia
Birmingham, Ala.	Dr. R. E. Jackson	1108 Jefferson County Savings Bank	Alabama
Bismarck, N. Dak.	Dr. H. H. Cohenour	349 Federal Building	North Dakota
Boston, Mass.	Dr. E. A. Crossman	2001-2 Customhouse Building	Maine, N. H., Mass., R. I., Conn.
Chicago, Ill.	Dr. J. J. Lintner	316 Exchange Building, Union Stock Yds.	Illinois
Clarksburg, W. Va.	Dr. W. R. Van Ness	400 Buckhanon Avenue	West Virginia
Columbia, S. C.	Dr. W. K. Lewis	901-2 Union National Bank Building	South Carolina
Denver, Colo.	Dr. W. E. Howe	444 Post Office Bldg.	Colorado and Wyoming
Des Moines, Iowa	Dr. F. H. Thompson	Room 18 Federal Bldg.	Iowa
Fort Worth, Tex.	Dr. H. Grafke	606 Flatiron Building	Texas
Harrisburg, Pa.	Dr. P. E. Quinn	State Live Stock Sanitary Board	Pennsylvania
Helena, Mont.	Dr. Rudolph Snyder	P. O. Box 844	Montana
Indianapolis, Ind.	Dr. J. E. Gibson	308 Hume-Mansur Bldg.	Ind., Ohio and Kentucky
Jackson, Miss.	Dr. J. A. Barger	605 Millsaps Building	Mississippi
		Capital & Roach Sts.	
Jefferson City, Mo.	Dr. Ralph Graham	P. O. Box 59	Missouri
Lansing, Mich.	Dr. T. S. Rich	Old State Block	Michigan
Lincoln, Neb.	Dr. S. E. Cosford	414 Federal Building	Nebraska
Little Rock, Ark.	Dr. M. Gregory	312 Gazette Building	Arkansas
Madison, Wis.	Dr. J. S. Healy	Care Com. of Agri. Statehouse	Wisconsin
Montpelier, Vt.	Dr. A. J. DeFosset	Care Com. of Agri. Statehouse	Vermont
Nashville, Tenn.	Dr. W. B. Lincoln	Care Neuhoff Abattoir & Packing Co.	Tennessee
New Orleans, La.	Dr. R. W. Tuck	323-4 Post Office Bldg.	Louisiana
Oklahoma, Okla.	Dr. W. C. Drake, Jr.	Dept. of Agri., Capitol Bldg.	Oklahoma
Pierre, S. Dak.	Dr. J. O. Wilson	309 Federal Building	South Dakota
Portland, Oreg.	Dr. S. B. Foster	402 Customhouse Bldg.	Oregon and Washington
Richmond, Va.	Dr. R. E. Brookbank	418 Lyric Building	Virginia and North Carolina
Sacramento, Calif.	Dr. A. J. Payne	310 Federal Building	California
St. Paul, Minn.	Dr. W. J. Fretz	4, 5, 6 Army Building	Minnesota
Salt Lake City, Utah	Dr. F. E. Murray	326 Federal Building	Utah, Nevada and Idaho
Tallahassee, Fla.	Dr. J. G. Fish	P. O. Box 467	Florida
Topeka, Kans.	Dr. B. W. Murphy	22 Federal Building	Kansas
Trenton, N. J.	Dr. W. G. Middleton	Statehouse	New Jersey and Delaware
Washington, D. C.	Chief, Bu. Animal Industry	Washington, D. C.	Maryland and District Columbia



CHAMPION DORA KORNDYKE

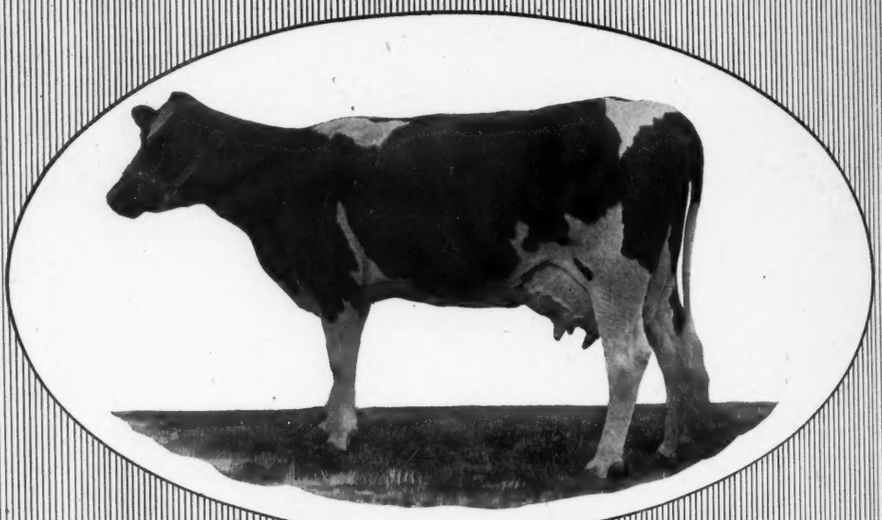
Champion Long Distance Cow of Wisconsin

1315.94 lb. butter, 29,395.7 lb. milk in a year. 34.49 lb. butter in 7 days; 140.83 lb. in 30 days.

JOHANNA PRINCESS MOOIE 2d

World's Champion 3-year-old for Combined Milk and Butter

1172.18 lb. butter, 25,596.5 lb. milk in a year at 3 yr. 5 mo.



KATIE PAUL BURKE

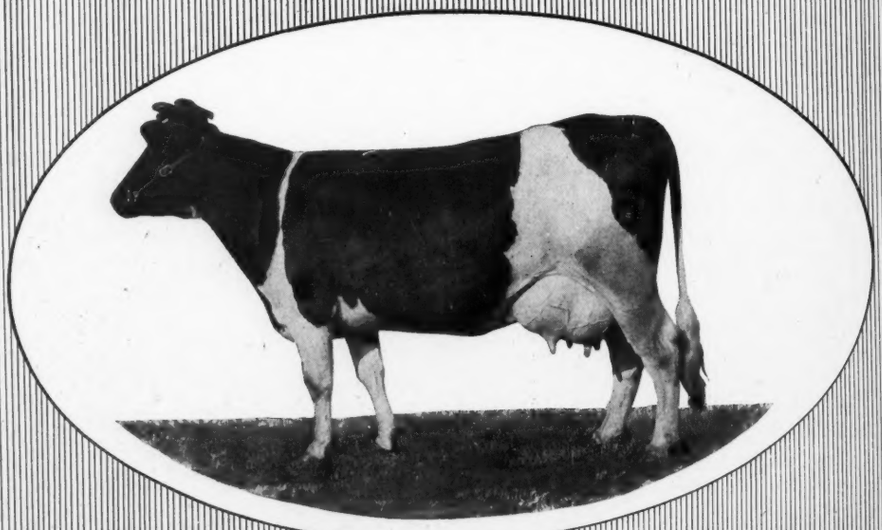
World's Champion Jr. 4-year-old for 7 and 30 Days' Butter

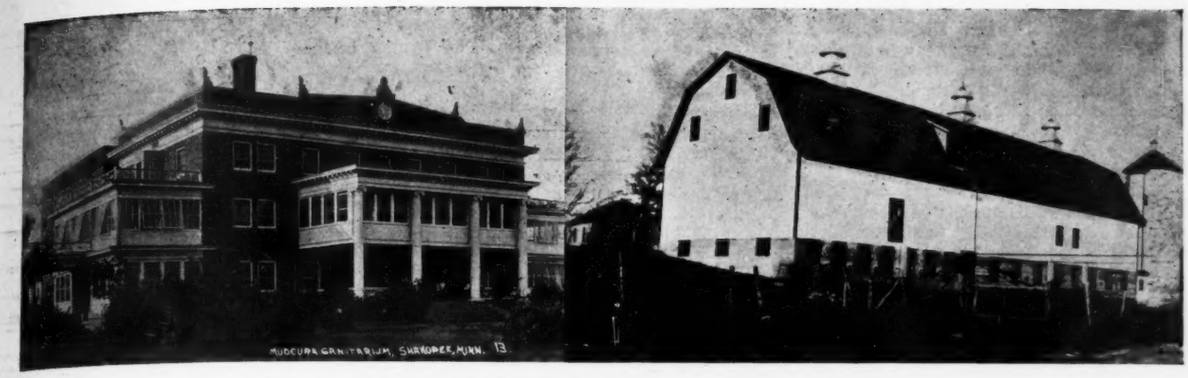
44.61 lb. in 7 days, 167.48 lb. in 30 days.

RAG APPLE AAGGIE COLANTHA

New England Champion for 7 and 30 Days

Over all ages and in the 3½ and 4½-year-old classes. Latest record 41.27 lb. butter, 713.4 lb. milk at 4 yr. 10 mo.





THE DAIRY BARNS, MUDCURA SANATARIUM

Holsteins at Mudcura

Public institutions own high class herds of Holsteins. There are several reasons. One is that books are kept and cost accounting practised so that the true value of the profit making breed is demonstrated. Another is that high class physicians control some of these establishments, men who know the food value and vitality of Holstein milk.

The Mudcura Sanitarium, Shakopee, Minn., is one of the latter, as its owner, Dr. H. P. Fischer, is an enthusiastic Holstein breeder and his herd supplies the milk, cream and butter used in the sanitarium.

Dr. Fischer was born March 12, 1871 at Mildmay, Ont. Canada, obtained the degree of B. A. at Berlin, now Kitchener, Ont. in 1890 and four years later graduated in the medical course at Detroit, Mich. Since then he has practised his profession at Shakopee.

In 1909 he discovered a sulphur spring possessing valuable medicinal properties near there and built a 40 room sanitarium which has been twice added to until today it is an institution of 100 rooms and does an annual business of $100,000.00. This fine building is only two miles from the town of Shakopee.

Five years ago Dr. Fischer started in with Holsteins after having for three years, a mixed herd of grade Jerseys, Guernseys and Holsteins. He made this choice after careful consideration mainly because the black and white cows proved the most persistent milkers.

The first purebred sire was of the Canary strain and had an 18-lb. dam. The second was from a 28-lb. dam and was sired by Aaggie Cornucopia Johanna Lad Jr., that famous old show bull and show sire. And, now he has added King Rag Apple Hopeful, a 39-lb. son of the mighty sire, Rag Apple Korndyke 8th.

In the Mudcura Herd there are now 52 purebred females, mostly of the above strains. Every milker has an official record these ranging from 15 lb. two-year-olds to 30-lb. full aged cows. As the animals freshen they are tested and each year, when conditions are at all favorable, given the opportunity to raise their records.

Besides the Holsteins, there is a purebred herd of Poland Chinas which furnishes the pork, bacon and other hog products needed. Single Comb White Leghorns supply the eggs and broilers needed and there are extensive flower and vegetable gardens.

DR. H. P. FISCHER

The sanitarium proper consists of the main building 40 x 100, with two wings on the northwest and northeast each 40 x 90. These buildings are of red Menominee prest brick with five porches or sun parlors 16 x 40 which as they are all white, give an attractive restful appearance to the institution.

Then there are the other buildings, garage, dormitory, cottages for the farmers and married couples, horse barn, poultry houses, implement house, slaughter house and hog house besides the big dairy barn.

The dimensions of the dairy barn are 124 X 40 with a ten foot basement. A 42 foot silo of 16 feet diameter built of hollow cement blocks, furnishes winter succulency. The barn is equipped with all modern conveniences and contains 10 calf pens 6 x 14, five cow testing stalls 9½ x 14 two bull pens, a large maternity stall and 28 cow stanchions, four feet from center to center. Roots are housed in a 16 x 20 cement root cellar under the driveway.

Just a few words about Dr. Fischer. A keen business man, he also ranks high in his profession. He was the Minnesota originator of the Mud Bath treatment for diseases of rheumatic origin and patients come from far distant states to undergo his treatment.

The new head of the Mudcura herd is Mudcura Rag Apple, son of Rag

THE HERD SIRE—MUDCURA RAG APPLE

Apple Korndyke 8th, and the great cow Riverview Pontiac Hopeful, 39.14 lb. butter, 666.1 lb. milk in a week. She is a cow of magnificent proportions, carries an exquisite udder and is a large and persistent producer of milk containing a goodly proportion of butter fat. She is by a son of De Kol 2d's Butter Boy 3d, and is from a 25-lb. daughter of Paul Beets De Kol while Hengerveld De Kol is her great grandsire so that she combines the blood of these three wonderful transmitting sires.

Rag Apple Korndyke 8th, is familiarly known as "The Greatest Bull in the World", and every one knows he is the head of the Pine Grove Herd. Mr. Cabana's personality and advertising has made this bull's name a household word with all who know Holsteins.

Today he has 47 A. R. O. daughters. Only two of his daughters were tested as full age yet no less than 28 have each produced over 20 lb. butter in seven days. His long list of high record daughters is headed by Fairview Korndyke Pietertje, 44.24 lb. butter 660 lb. milk in a week as a five-year-old. She is also the U. S. junior champion Rag Apple Korndyke Pontiac, 42.42 lbs., also five other daughters, only one of which is full aged, that each have gone over the 30-lb. mark.

He has another daughter above 40 lb. the senior three-year-old world champion Rag Apple Korndyke Pontiac, 42.42 lb., also five other daughters, only one of which is full aged, that each have gone over the 30-lb. mark.

Mudcura Rag Apple is possessed of high class individuality, attractively colored and is a bull anyone would admire. He is by a famous sire and from a remarkable cow and is destined to rank high in future lists of Advanced Registry sires. Already he has been used heavily in the Pine Grove herd and a number of high record cows and splendidly bred heifers will freshen by him.

In the Mudcura herd he will have the opportunity he deserves for Dr. Fischer is ambitious and has great and far reaching plans. Readers of this journal, please bear this in mind and you will not be surprised at developments.

Pine Grove Farms, Elma, N. Y.

SEASON'S WORK AT PINERY FARM

A recent letter from Karl S. Nims, manager of Ralph King's Pinery Farm at Mentor, O., tells of some good records they have been making during the past season.

In semi-official work the division which these people consider of the greatest importance, they have done especially well, breaking one state record and making many other records that are highly creditable. The state champion which is mentioned is K. P. B. A. McKinley Queen, who as a junior three-year-old produced over 21,000 lbs. milk, containing 964 lbs. butter, the butter record being the largest ever made by a heifer of her class in the state of Ohio.

K. P. Princess Bettina in two-year-old form made a record of over 900 lbs. butter from over 18,000 lbs. milk.

Kismet Fayne of Valley View as a junior three-year-old with first calf made a 305 day record of about 850 lbs. butter from approximately 19,000 lbs. milk, freshening again six weeks after her year was up, at which time she made a 37 lb. record.

K P Netherland Ormsby, a daughter of King of the Pontiacs, made a record of 850 lbs. butter in a year as a junior two-year-old.

King of the Black and Whites Lilith, another two-year-old, made a ten months record of 16716 lbs. milk, containing 705.28 lbs. butter.

Although the Pinery Farm people do not lay as much stress on seven day records as on those run for longer periods, they have made some extra good records in short time work. One of the best of these is that of Kismet Fayne of Valley View, the 850 lb. heifer mentioned above, who freshend again as a four-year-old with second calf, making a record of 37.08 lbs. butter in seven days, and over 137 lbs. in thirty days. She is a daughter of Finderne Pride Fayne. Another good daughter of Finderne Pride Fayne is Lucy of Valley View 2d, who made a junior four-year-old record of 31.25 lbs. She milked as high as 104.3 lbs., and at the time we heard from Mr. Nims, which was six months after freshening, she was milking around 90 lbs. a day.

K. P. Princess Bettina, a daughter of King of the Pontiacs, freshening as a junior four-year-old with second calf, made a record of 31.08 lbs. butter in seven days, and over 134 lbs. in

FORSGATE CONSIGNMENT

To the

MOYER NATIONAL SALE

Philadelphia, Pa. June 5-6-7

1—**Forsgate Model Segis Lad,** a yearling son of Model Darius Glista whose dam and sire's dam average 30.49. He is sired by Model King Segis Koningin, whose dam was a 30-lb. daughter of Annie De Kol Butter Girl with a 31-lb. record. The dam of Model Darius Glista was Glista Draba, a 30-lb. sister to five other 30-lb. cows. The dam of the calf is Vinita Anna Segis, a 26-lb. granddaughter of King Segis, with a record of 616 lbs. milk in 7 days and a year record of 989 lbs. butter from 22756.2 lbs. milk. She is a full sister to a 31-lb. cow and her dam has produced 5 A. R. O. daughters.

2—**Creamelle Laura Hengerveld,** a 3-year-old granddaughter of Dutchland Creamelle Korndyke Lad from a daughter of Count Hengerveld Fayne, who is a brother to Segis Fayne Johanna, 50.68. The sire of this heifer is from one of the good daughters of Colantha Johanna Lad, a bull that has more daughters above 600 lbs. milk than any other sire of the breed.

3—**Rovilla Marion De Kol,** a 27.8-lb. granddaughter of Paul De Kol Jr. Her dam is a sister to Bertha De Kol Boon, 28.07, and is by a son of De Kol 2d's Butter Boy 3d. The second dam is by Pietertje Hengerveld's Paul De Kol and her sire is a brother to Creamelle Vale, former world champion milk producer for a year and the first cow of the breed to produce 29,000 lbs. milk.

4—**Creston Coloma Beauty,** a splendid individual 26-lb. granddaughter of Beauty Pietertje Prince. Her sire has two 22-lb. 2-year-old daughters and carries 50 per cent of the blood of Beauty Pietertje Butter King that was from the only 30-lb. daughter of Prilly.

Here is a high class consignment representative of the farm from which they come and by which we are willing to be judged. They are all high class individuals, perfect in every way and have been very successful winners in the show ring.

FORSGATE FARMS Jamesburg, N. J.

Some Real Susquehanna Bulls Sired by

Great Peter and Pietertje Hengerveld Segis

A number of our cows now on test dropped bull calves, which to make room, we are selling at once. Think that they are sired by the only full brother to the 42 two-year-old, the best son of the only 42-lb. cow with two 42-lb. heifer daughters, and a bull whose stock will double in value in the next few years. Or think that they are sired by the greatest living A. R. O. sire, Pietertje Hengerveld Segis with 110 A.R.O. daughters, and he a son of King Segis, from a 33-lb. cow. You can't get anything better, but you can pay a lot more somewhere else and not get nearly as much for you money. We don't advertise our stock by fictitious prices, but we have the quality.

Dam's records from 20 to 32 lbs. Our prices represent value to you. WRITE.

SUSQUEHANNA FARMS LEE KINNE, Prop. Hartwick Seminary, N. Y.

Otsego Is a Great Dairy County

MAPLECREST
Breed
THE BEST
The 1000-lb. Long Distance Kind

OUR HERD SIRES

FRIEND HENGERVELD DE KOL BUTTER BOY

Four 1000-lb. Daughters

Banestine Belle De Kol 30.87
Milk 672.50
Butter 365 days .1322.92
Milk 27,404.40
(Former World's Champion)

Highland Hartog De Kol 36.91
Milk 603.30
Butter 365 days ... 1247.92
Milk 25,592.50

Daisy Grace De Kol 32.50
Milk 521.30
Butter 365 days . 1203.50
Milk 21,718.30

Spotted Ann Daughter 30.15
Milk 467.90
Butter 1088.75
Milk 23,582.30

FRIEND HENGERVELD DE KOL BUTTER BOY is one of the best and most widely known sires of the breed. Nearly all of the best daughters of Pontiac Aaggie Korndyke are from daughters of Friend Hengerveld De Kol Butter Boy.

PONTIAC AAGGIE KORNDYKE

Six 1000-lb. Daughters

Maplecrest Pontiac Application 35.10
Milk 515.00
Butter 1344.30
Milk 23,421.30

Maplecrest Pontiac Spotted Annie .. 30.86
Milk 446.70
Butter 1236.27
Milk 21,393.00

Maplecrest Pontiac De Kol Banestine 32.86
Milk 536.40
Butter 1253.45
Milk 23,213.50

Maplecrest Pontiac Girl 25.15
Milk 537.30
Butter 1236.27
Milk 21,593.00

Maplecrest Pontiac Flora Hartog .. 30.83
Milk 573.20
Butter 1,232.63
Milk 25,106.30

Maplecrest Pontiac De Kol Lady 31.12
Milk 537.70
Butter 1018.43
Milk 20,232.10

PONTIAC AAGGIE KORNDYKE has more 1200-lb. daughters than has any other sire. He also has 13 30-lb. daughters.

Young bulls with Friend Hengerveld De Kol Butter Boy as a sire, with daughters of Pontiac Aaggie Korndyke as dams, and in many cases the second dam by Friend Hengerveld De Kol Butter Boy, can show more 1000-lb. butter records in their pedigrees than can any other bred sires of the breed. You need a bull of this cross to increase the average production of your herd, for in the future it is sure to be the "long-time" sort that will appeal to the buying public.

Maplecrest Farm tenders you a cordial welcome to visit the farm. Come to Cleveland—take Cleveland and Eastern car for Chardon. There we will gladly meet any car upon request by phone.

Come! We will be glad to welcome you, and you will be glad you came. We can show you some great animals.

Maplecrest Stock Farm
Chardon, Ohio

A Great Yearly Record Bull

Born May 7, 1913.

The records of his three nearest dams average:

Butter 365 days 1039.44
Milk 24,293.20
Butter 7 days 31.23

The records of his five nearest dams average:

Butter 365 days 1070.19
Milk 23,309.90
Butter 7 days 30.63

Few other bulls in the world have such a showing for the semi-official butter and milk records of his five nearest dams.

The sire is from a 34-lb. cow and he is grandson of Colantha 4th's Johanna (35.-22 lbs.), the only cow who has ever held all world's records from one day to one year. His grandsire, Sir Fayne Concordia, is full brother to Grace Fayne 2d's Homestead (35.55 lbs.), the second 35-lb. cow.

The dam, a 31-lb. cow, has five times been an Assn. Prize Winner. Her dam, a 27-lb. cow, has twice been an Assn. prize winner.

FOR SALE

One of the Best Bulls I have ever raised.

He is not a cheap calf but is reasonably priced considering his breeding.

Address

R. J. SCHAEFER, Appleton, Wis.

Announcing Bonnie Mead Farm

"When You Think of Holsteins, Think of Bonnie Mead"

We wish to announce to the Holstein breeders of the U. S. that we have purchased the great King Segis Pontiac Combination from Mr. C. A. Nelson, of Waverly, Iowa, who is retiring from business. We have also purchased a number of females of Mr. Nelson to use as foundation stock and we plan to continue along the same lines of constructive breeding and fair and honest dealing that has made Mr. Nelson so well known from coast to coast.

The best of breeding, the best of individuality, coupled with honest, courteous treatment are the foundations upon which we are building. King Segis Pontiac Combination and Sir Hengerveld Pontiac Segis, the two bulls at the head of our herd, whose pictures appear in this issue, represent all that is best in Holstein breeding and individuality. The services of either of these bulls are available to approved cows at $50.

PECK BROS.

La Porte City Iowa

thirty days, milking over 90 lbs. a day. She is the thirtieth 30-lb. daughter for King of the Pontiacs, and is the same heifer spoken of above as making a 900 lb. year record as a two-year-old. She is on yearly test again, and Mr. Nims predicts that, barring accident, she will make the best cows step to keep along with her.

Ona Pontiac Wayne made a record of 30.42 lbs. milking over 100 lbs. in a day. She and her dam and grandam are all 30-lb. cows or better. Furthermore her dam, grandam and great grandam form the only combination of three direct generations of 1000-lb. cows. She is on yearly test, and is expected to pass the 1000-lb. mark herself, which will, of course, make a four generation combination.

Iva De Kol 3d, a daughter of King Pontiac Premier from the 30-lb. cow, Iva De Kol, made a record of 30.46 lbs. butter in seven days. It was her son that Mr. King gave to the Red Cross at the 1917 sale in Columbus.

Another good one is K. P. Netherland Ormsby, whose junior two-year-old year record of 850 lbs. has already been mentioned. Ten months after freshening, this great heifer made a record of 19.62 lbs., which at that time stood fourth in the eight months after calving division of her class. This is certainly a fine bunch of records for anyone to make, and there are several others not mentioned which are very nearly as good. The World is glad to congratulate Mr. King, Mr. Nims and all others connected with this good work upon their success.

BREEDERS AS WELL AS MILLERS

The Prange Milling Company, whose advertisement on "Feed" will be found in the World, are Holstein men as well as feed men. They are owners and breeders of a pure bred registered Holstein herd and it will be remembered that they were promoters of the first Boys' and Girls' Registered Holstein Calf Club in the United States. The Prange Milling Company are now offering their mill productions of choice pure wheat bran direct to the farmers and dairymen at prevailing manufacturer's wholesale prices.

SOME COW TESTING RESULTS

The report of the Middletown Cow Testing Association, in the state of Delaware, has recently been received by our office. Three hundred sixty-five cows have been tested by the Association, 72 of which were purebreds. The highest producing cow of the month is a purebred Holstein, Maple Grove De Kol Beauty Korndyke, who produced during the month of April 1887 lbs. milk, containing 71.7 lbs. butter fat. The second highest is another purebred Holstein, Retta Mooie Perfection 2d, owned by P. B. Messick, who produced 1575 lbs. milk containing 59.8 lbs. fat. Twenty-two cows produced over 40 lbs. fat. The table published herewith gives the names and records of cows of the Association which have produced more than 45 lbs. butter fat, or 1400 lbs. milk, during the period of thirty days ending April 30, 1919.

It is worthy of note that the ten cows listed are all purebred Holsteins except one, who is a Holstein grade. This is only another evidence of the superiority of our favorite breed.

Why He Got It

Young Minister—(receiving gift of fountain pen)—"Thank you. I hope I shall now be able to write better sermons."

The lady—"I hope so."—Boston Transcript.

Name of association: Middletown Cow Testing Association.

The following table gives the names and records of the cows in the Association which have produced more than 45 pounds of butterfat or 1400 pounds of milk during the period of 30 days ending April 30, 1919.

Owner of cow	Mame of cow	Breed	Age (Years)	When Fresh	Lbs. Milk	% Fat	Lbs. B.Fat
Mrs. May Janvier,	Maple Grove De Kol Beauty Korndyke, 329467		6	Mar. 9-19	1887	3.8	71.7
J. S. Moore,	Bessie Canary Korndyke 2d, 316326		5	Feb. 5-19	1605	3.	48.1
P. B. Messick,	Retta Mooie Perfection 2d, 288296		6	Jan. 27-19	1575	3.8	59.8
P. B. Messick,	Blanche, H. G.		5	Mar. 7-19	1515	3.2	48.5
P. B. Messick,	Maple Side Maude Queen, 264112		5	Mar. 15-19	1500	3.1	46.5
J. S. Moore,	Retta Maple Crest Korndyke, 42318		4	Feb. 3-19	1482	3.6	53.4
C. F. Meyers,	Country Life Lilith Korndyke, 147949		8	Mar. 15-19	1479	3.4	50.2
J. S. Moore,	Julia Hengerveld Palmyra Fayne, 366107		4	Feb. 24-19	1470	3.3	48.5
J. S. Moore,	Bertha Clothilde Sindt De Kol, 223088		5½	Jan. 10-19	1440	3.2	46.1
P. B. Messick,	Nellie Prince Shadeland Colantha 206819		7	Dec. 19-18	1347	3.4	45.7

C. E. Cromis, Official Tester — Lee Pennington, Secretary.

TWO GREAT PENNSYLVANIA SALES

Benninger's Fourteenth Consignment Sale

On MONDAY JUNE 9th, 1919

At HATFIELD, Pa.

20 Miles North of Philadelphia

70 Registered Holstein-Friesians, Males and Females

Bloomingdale Farms, Somerville, N. J., consign 12 head, including a 29-lb. daughter of Sir Pontiac Burke, a 25-lb. granddaughter of Sir Veeman Hengerveld, an 18-lb. three-year-old granddaughter of King of the Pontiacs from an 18-lb. granddaughter of King Fayne Segis.

The Storm Farm, Pergasie, Pa., consign an A. R. O. sister to King Segis, a 16-lb. daughter of Aaggie Cornucopia Pauline Count from a 23-lb. daughter of A. & G. Inka McKinley, dam of King Segis, bred to their great herd sire King Pontiac Superba; other consignors are D. N. Sterner with a nice lot of young cows and heifers bred to his good son of King Model, Benninger Stock Farms, Wismer Bros., J. V. Taylor & Sons, etc.

ALLEN M. GEHMAN'S Fourth Annual Sale, on His Farm at Macungie, Pa., Nine Miles South of Allentown, Pa., on Thursday, June 12, 1919

60 registered Holstein-Friesians, males and females.

Sons and A. R. O. daughters of Judge Hengerveld De Kol, King of the Pontiacs, Golden Segis De Kol Korndyke, King Segis Champion, etc.

Included in this sale is a three-year-old daughter of "IT" from a 28-lb. daughter of King of the Pontiacs.

If you are in need of females or a herd sire make arrangements to attend these sales and you can get what you want. They are the world's record kind.

For Catalog write W. M. BENNINGER, Benningers, Pa.

CATTLE FOR EXPORT

Representatives of foreign governments and individuals are applying to The Holstein-Friesian Association of America for information relating to registered Holstein-Friesian cattle which they desire to purchase.

The specifications call for typical, well-grown specimens, yearlings, two-year-olds and young cows in calf. Advanced Registry breeding not essential but absolute health-freedom from tuberculosis.

The Holstein-Friesian Association of America in an effort to secure to its membership this valuable opportunity for business and to put itself in a position so far as possible to be the means of bringing together the purchaser and the breeder, making it as easy as possible for those desiring Holstein-Friesian cattle to know in what communities and what localities animals can probably be purchased; and for the purposes of gathering detailed information relative to such cattle, the number for sale, the price f. o. b. on cars, that it may be given to those interested in our breed, and particularly to put the members of the Holstein-Friesian Association in touch with those from foreign countries coming to America to purchase animals for dairy purposes has organized a special department for the purpose of gathering such information which is for the use of and is to be furnished to intending purchasers.

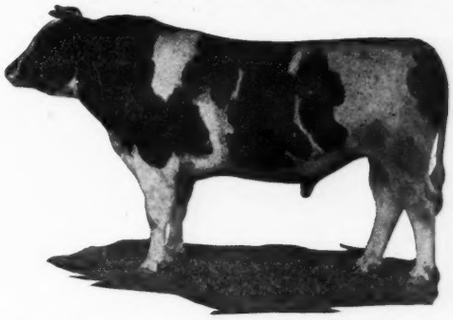
Members of the Association only, who desire to avail themselves of this opportunity to submit descriptions of cattle for sale should address as below for blank forms upon which to submit descriptions. One blank is required for each animal. Please mention number of blanks wanted.

Export Department
Holstein-Friesian Association of America
MR. RICHARD T. WAINWRIGHT
103 Park Ave., New York, N. Y.

Spring Farm Pontiac Cornucopia

Now Heads

WELLSLAND FARM HERD



"The only bull with a 40-lb. dam and a 30-lb. 2-year-old daughter."

I have recently purchased this bull to head my herd. He is better known as the $15,000 son of K. P. Pontiac Lass, the first 44-lb. cow of the breed and as the sire of a number of the greatest bred young bulls of the breed.

Since January 1st, two of his daughters have crossed the 30-lb. mark, one as a two-year-old and the other as a three-year-old, while a number of others are making right around 20 lbs. as two-year-olds. He now has 28 A. R. O. daughters which list, because of his almost unparalleled opportunity, will be materially increased within a very short time.

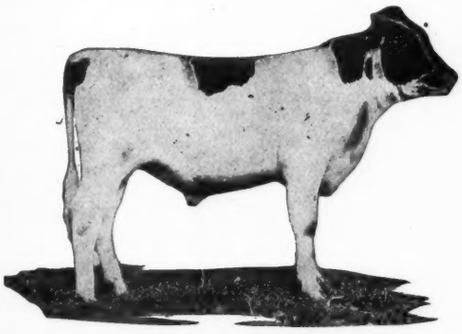
This great sire will stand at the head of my herd and a few outside services can be booked, for this year at least.

Individually, Spring Farm Pontiac Cornucopia is one of the finest bulls of the breed.

N. W. SALMON **Glenfield, N. Y.**

Lord Netherland Rag Apple

Heads Our Herd



By Rag Apple Korndyke 8th. From Lady Netherland Pontiac 43.59 lb.

5 of his 6 nearest sires have produced 40 lb. daughters.

4 of his 6 nearest dams are above 31 lbs. and have produced 30-lb. daughters.

Breed your best A. R. O. cows to this bull.

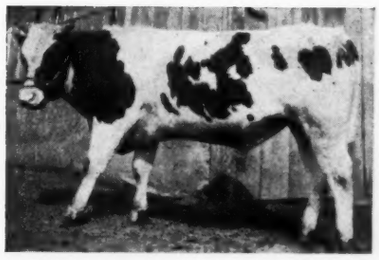
Holsteins for sale. Write us your wants.

BROOKSIDE FARMS

Louisville, Ohio Stark Co.

Yearly Record Son of

Michigan's Champion Milk Cow



Dam PONTIAC VIRGINIA

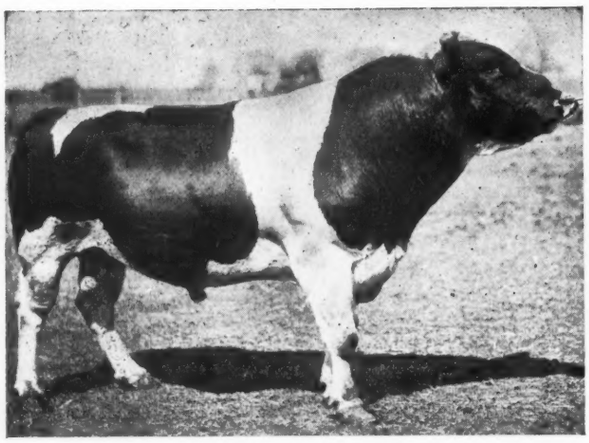
Butter 7 days	31.04	Milk 1 day	118
30 days	127.83	7 days	796
365 days	977.7	30 days	3316
		365 days	24242

This fellow born March 7, 1918. A good individual, well grown, and in his pedigree he traces direct to Hengerveld De Kol (116 A. R. O. daughters), De Kol Burke (69 A. R. O. daughters), Colantha Johanna Lad (125 A. R. O. daughters), Sadie Vale Concordia (1st 30-lb. cow), Colantha 4th Johanna (1st 35-lb. cow with over 1200 lbs. 1 year) and Duchess Ormsby (foundation cow of the Ormsby family.)

Price $800 f. o. b. Muncie

HERD ON FEDERAL ACCREDITED LIST

RAY MEEKER **Muncie, Ind.**



SIR HENGERVELD PONTIAC SEGIS

KING SEGIS PONTIAC COMBINATION
Herd Sire for Peck Bros, LaPorte City, Iowa.

TWO GOOD HERD SIRES IN THE MIDDLE WEST

Bonnie Mead Farm, owned by Peck Bros., of La Porte City, Iowa, boasts two herd sires which rank with the very best. King segis Pontiac Combination is a proven sire, having a score or more A. R. O. daughters with very good records. The list incrludes two with three-year-old records, 30 and 34 lbs., and one with a two-year-old record of over 22 lbs. He is as his name implies, a son of King Segis Pontiac, the latest century sire. His dam is a daughter of King of the Pontiacs, K. P. Girl, with senior two-year-old records of 22.74 lbs. butter in seven days, 90.96 lbs. in thirty days, and 716.6 lbs. in a year. King Segis Pontiac Combination is a three-fourths brother to some of the very greatest sires of the breed, including the $50,000 bull, King Segis Pontiac Alcartra, and Mr. Hackney's great sire, King Segis Pontiac Count, as well as others of almost equal fame.

The other herd sire is Sir Hengerveld Pontiac Segis, who is a two-year-old son of King Hengerveld. The latter who has 20 odd A. R. O. daughters with records as high as 28 lbs. is a son of King Walker, one of the great sires of the breed, who has sired a number of world's champions in his day. The dam, Maxine Netherland of Cedarside, is a daughter of King Segis Pontiac Combination, already described.

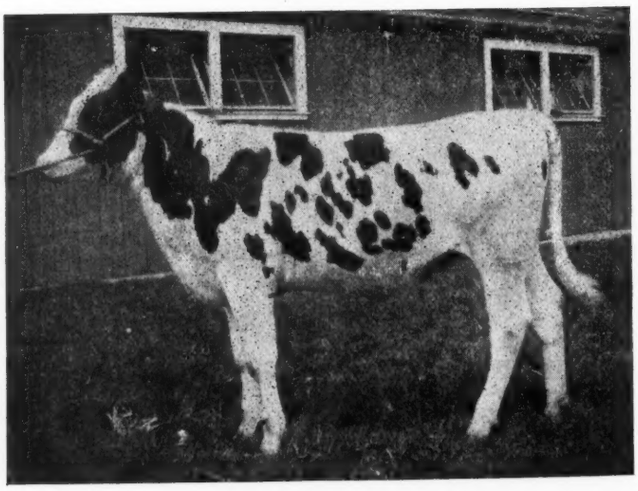
Peck Bro. are just getting started in the breeding of Holstein cattle, and they believe in breeding the best. With two such sires they can not go far wrong.

DISCONTINUE MY AD

Through the ad recently inserted in the World, I have been successful in securing a good herdsman. I had asked you to run this ad for six issues, but if you will discontinue this and send me the bill, I will remit at once.

J. F. Berkheimer.

AT PHILADELPHIA



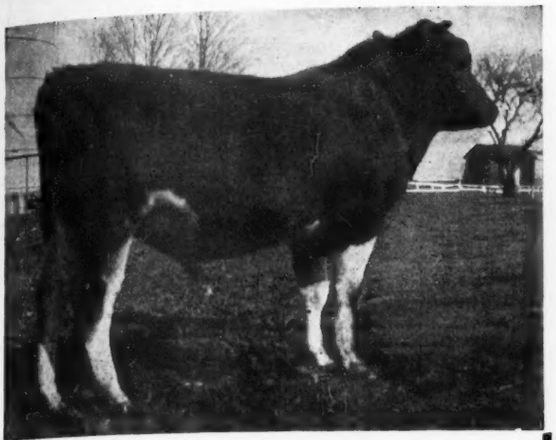
4 Daughters of

RAG APPLE MATA

TWIN HEIFERS from 30 lb. Dam
THE ABOVE HEIFER from 28 lb. daughter of the 30 lb. cow.
AN 18 mo. old DAUGHTER of a 25 lb. 3 yr. old
ALL BY RAG APPLE MATA

GEO. F. SMITH **Barre, Mass.**

SUBERBA PALMYRA RAG APPLE



Have you seen him?

You are invited to come to Homecraft Farm and look over our herd sire:

SUPERBA PALMYRA RAG APPLE

He is now just two years old and is developing into a fine individual. Why shouldn't he?

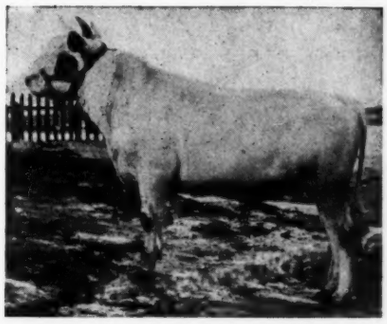
His sire, RAG APPLE KORNDYKE 8th, his dam, Bloomingdale Hengerveld Palmyra, are both excellent individuals. He is being bred to daughters of King Pontiac Ladoga, one of the good sons of King of the Pontiacs. If interested in bull calves of this breeding address.

HOMECRAFT FARMS

Brewerton, N. Y.

A. C. Fergerson, Prop. C. S. Ellis, Mgr.

ROYAL KONIGEN



TWO NEAREST DAMS AVERAGE

38.03 BUTTER 762.6 MILK

He is sired by the famous $35,000 bull

KING SEGIS PONTIAC KONIGEN

(the 40-lb. sire that has made good.)

His dam is also a member of the same noted family:

DIONA KONIGEN PIETERTJE 2d

She made 35.94 lb. butter from 700 lb. milk and is from the same dam as K P Diona Pietertje with a record of over 40-lb. (dam of King Segis Pontiac Konigen, mentioned above) and King Pontiac Konigen with two daughters averaging over 40 lb. as 4-year-olds.

THE FIVE NEAREST DAMS OF ROYAL KONIGEN AVERAGE:

Butter 37.63

He sires wonderful individuality and with the double cross of Diona Konigen Pietertje, one of the greatest foundation cows that ever lived, he is bound to sire, equally as great producers.

We will soon be in a position to offer some desirable offspring from him.

J. V. FREDERICKS or J. RUTISHAUSER

Canajoharie, N. Y.

HURD FARMS

Headed by

Hilldale Korndyke Abbekerk

"The bull that produces them worth while"

His entire list of daughters that have freshened to date:

Hurd's Mettamae Pontiac, 3 years	
Butter	27.145
Milk	519.00
30 days—	
Butter	112.618
Milk	2441.2
Hurd's Korndyke De Kol, 2 years—	
Butter	21.001
Milk	500.6
Hurd's De Kol Korndyke, 2 years	
Butter	19.66
Milk	346.00
Hurd's Korndyke Beets, 2 years	
Butter	17.52
Milk	376.30
Hurd's Belle Korndyke, 2 years	
Butter	17.43
Milk	443.00
Hurd's Pauline Korndyke, 2 years	
Butter	15.91
Milk	398.00

Service fee, $100 for approved cows. Pedigrees and pictures on application

HURD FARMS Elma, N. Y.

C. W. HURD, Prop.

THE WILLINGTON HERD

Headed by

King Korndyke Fannie Veeman

The best son of King Korndyke Sadie Vale. Our herd is tested regularly by the U. S. Dept. of Agriculture and is guaranteed healthy.

Choice bulls for sale from A. R. O. dams having records up to 30.02. Pedigrees and prices cheerfully given.

GARDINER HALL JR. & CO.

R. L. Birdsall, Mgr. South Willington, Conn.

20 HEAD Cows and Heifers FOR SALE

Labor conditions, with lack of fodder, compels me to sell AT ONCE about twenty cows, heifers and calves, of the very best breeding and some with records up to over 26 lbs. They must be sold at once and are priced accordingly.

We also have a two-months-old son of Hilldale Gem Segis (a 31-lb. cow) that will be priced for immediate sale.

Come and See Them Without Delay

HUGH J. DAVIS **Broadalbin, N. Y.**

Preparing for Bigger Business?

Have Your Holsteins Pedigreed in Herd Register Form

The Ideal Loose-leaf Herd Register embodies these advantages—fine quality red leather cover, the best and most convenient binding device ever discovered (leaves are instantly removable, but cannot possibly tear out or become loosened), pedigrees typewritten in two colors—3 copies 8½x11 inches (almost the size of this page), leaves for service record, and record of purchases and sales.

This outfit is regular equipment in most of the leading herds.

If you are contemplating a public sale, you cannot afford to try experiments in the important matters of catalog, publicity and management. In sale service the best is the cheapest. The outstanding sale successes of the past ten years have demonstrated the superiority of Hastings Sale Service.

E. M. HASTINGS CO.

Pioneer in Holstein Pedigrees and Sale Management

Lacona, N. Y.

NATIONAL DAIRY SHOW—1919 JUDGING EVENTS

In order that our cattle friends may be advised of the dates of their respective days of their breed at the next National Dairy Show, the following program will be of interest:

Monday, October 6th—Students' Judging Contests.

Tuesday, October 7th—Holstein and Brown Swiss Day.

Judging commencing at 9:30 A. M.

Wednesday, October 8th—Jersey Day. Judging commencing at 9:30 A. M. Ayrshires at 2:00 P. M.

Thursday, October 9th—Ayrshire Day. Judging commencing at 9:30 A. M. Guernseys at 2:00 P. M.

Friday, October 10th—Guernsey Day. Judging commencing at 9:30 A. M. Judging of Cow Test Association Cows at 10:00 A. M.

Saturday, October 11th—Judging by Dairymen at 2:00 P. M. Milking Contest at 2:00 P. M.

Program of conventions and other educational features will be issued later.

Publicity Department,
National Dairy Show.

THE FINDERNE CONSIGNMENT

One of the top notch consignments to Mr. Moyer's National Sale at Philadelphia is that from the Finderne Stock Farms, Finderne, N. J. Perhaps the most conspicuous member of this consignment is the eight months old son of King Valdessa and Finderne Holingen Fayne. King Valdessa, as everyone knows, is a son of the first 40-lb. cow, Valdessa Scott 2d (41.88 lbs.), and his sire, Spring Farm Pontiac Cornucopia, is the $15,000 son of the first 44-lb. cow. Finderne Holingen Fayne, the dam of this youngster, was not only the first heifer to produce 1300 lbs. butter in a year, but she still holds the world's record in that division for heifers under four years by quite a substantial margin. Her seven day record of 37.44 lbs. was a world's record when made, and her thirty day record of 150.33 lbs. still stands highest in her class. The average records of the dam and the two nearest dams of the sire of this young bull is 41.13 lbs., a remarkably good average.

Another of the Finderne headliners is a daughter of King Valdessa out of Finderne Wachusett Fayne (35.61 lbs. in seven days, 140.86 lbs. in thirty days at three and one-half years). She is a sister to Finderne Holingen Fayne, mentioned above, being by

A PRACTICAL IDEA

Wouldn't it be wise to make your purchases of Holsteins from the herd where the WORLD'S GREATEST COW— Tilly Alcartra—her sister Geneseo Belle Polkadot, 34.38 lb. and Leda Inka Alcartra Fobes 2d, 35.42 lb., were bred?

THERE ARE ONLY THREE 40-LB. COWS WITH 1275 LB. IN A YEAR. Two of these and the sire of the other were purchased from our herd. We breed the kind that go out and make good. If you are interested in this kind, write.

A few young bulls for sale

McKAY BROS. **Waterloo, Ia., R. 1.**

The Home of Maplecrest Avalon No. 203845. The 1200 lb. Sire

FOR SALE—
900 Lb. 305-day Bull

Born April 30, 1918.
Ready for light service.
Dam, Avalon Korndyke Countess, 206064.

Milk 1 day	100.1	lb.
Milk 7 days	657.0	lb.
Butter 7 days	32.63	lb.
Milk 305 days	20,022.0	lb.
Butter 305 days	902.99	lb.

And calved 352 days from former freshening. She carries four crosses of De Kol 2d's Butter Boy 3d and has 25 per cent of his blood. She is an excellent individual in every way.

Sire from one of the best daughters of Korndyke Abbekerk, with 31.82 lbs. butter and 625.2 milk in 7 days. Sire's sire, a son of De Kol 2d's Butter Boy 3d.

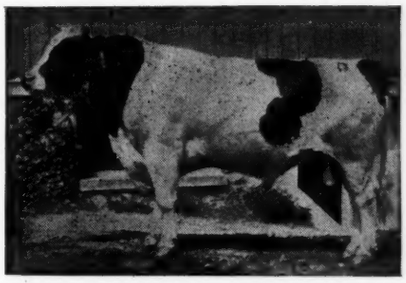
The prize lists contain only two 305-day records exceeding the above.

For price, pedigree and photographs, address

AVALON FARMS

E. D. Curtis, Owner Bantam, Conn.

IOWANA SIR OLLIE



No. 114797

Two A. R. O. daughters—

Walcowis Ollie Mooie at 2 yrs., 20 days
1010.68 lbs. butter. 21,569.7 lbs. milk.

Walcowis Ollie Watson at 2 yrs. 2 mo.
715 lbs. butter. 14,810.9 lbs. milk.

One of his sons will add type, size and production to your herd. Only young bull calves for sale. Come and see them or write

WALCOWIS FARMS
N. DICKINSON & SONS
Lake Geneva, Wis.

LISETER FARMS HERD
NEWTOWN SQUARE, PA.

Our herd sire, Model Annie King Segis No. 164697. A son of Mr. E. A. Powell's old show cow, Annie De Kol Butter Girl 72910, that made over thirty pounds three times. If you like his type and breeding, buy one of his sons. We have one from a 33-lb. cow.

J. L. AUSTIN
S. W. Hagan, Herdsman
Rosemont, Pa.

DODGE FARM · WASHINGTON, CONNECTICUT

Announcing!
THE NEW CHAMPION MILK COW
OF
CONNECTICUT AND NEW ENGLAND
DODGE FARM
BERNICE, 124037

1 day, 119.2 lbs. (former state record 113.1 lbs.
7 days, 796.1 lbs. (former state record 736.4 lbs.)
(former New England record 730.4 lb.)
Now on semi-official test; with record of 3242 lbs. for 30 days.

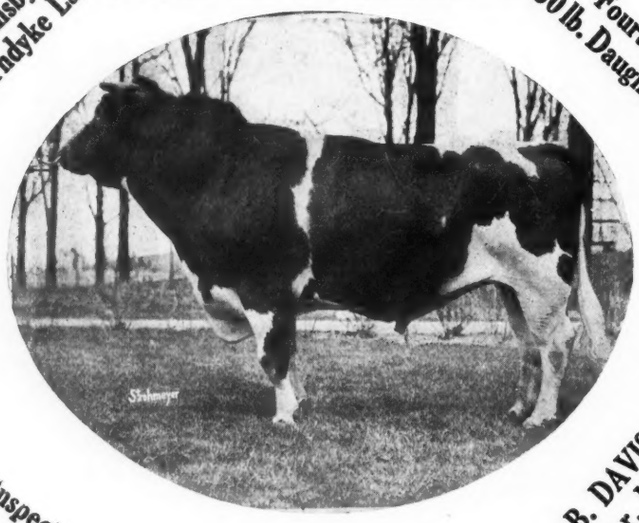
Earlier Records:

305d (1917) 19510.8 milk, 792.67 butter.
305d (1918) 16582.1 milk, 644.565 butter (carrying calf five months).

Dodge Farm Bernice heads—
The leading long distance 3-generation family in Connecticut. All line bred to

MAPLECREST FARSEDO BUTTERBOY, 216667
"The Best Dairy Bull in New England"

Ormsby Korndyke Lad Born and Raised at Davisdale Farm Fourteen 30 lb. Daughters



Inspection Invited TYPE, SIZE, PRODUCTION H. B. DAVIS Chester, N. Y.

1-10 of One Per Cent.

If you had 1-10 of 1 per cent of all there is in the world of something valuable, you would be mighty well off.

Mr. Breeder, you know and I know that yearly records are worth while and that the day is coming when the yearly record animals will be the BIG SELLERS.

Let us admit that each of the 480 cows with 850-lb. year-records has two sons—say there are 1000 sons of 850-lb. cows.

Buy **Jayema A B C Sadie Vale Veeman** and you will have 1-10 of 1 per cent of all the sons of 850 lb. cows that there are in the world.

Individuality—He has it. His dam is as handsome an animal as ever lived, and his sire a faultless individual, has three crosses of the blood of the first 30-lb. cow, Sadie Vale Concordia.

I have consigned this splendid bull to

THE PHILADELPHIA SALE

June 5-6-7

JAYEMA FARM

Dr. J. M. ALLEN St. Johnsbury, Vt.

King Hengerveld Aaggie Fayne, and out of the great producer, Wachusett May, 133.95 lbs. at 4 years old. The records of the four nearest dams of this heifer average 38.82 lbs., while the records of her dam and her sire's two nearest dams average well over 40 lbs.

Others consigned by Mr. Meyer are two daughters of King Valdessa from good record dams, and a daughter of King Pontiac Segis Korndyke. All the females are bred to King Hengerveld Valdessa.

SOME OF THE 40-LB. BLOOD AT PHILADELPHIA

The consignment of A. C. Howe, of New Hartford, N. Y., to the Moyer National Sale at Philadelphia, includes a beautiful daughter of Spring Farm King from the world's champion two-year-old, Glen Alex Queen De Kol, 42.36 lbs. Glen Alex Queen De Kol is the only 42-lb. cow to have a 42-lb. dam and a 43-lb. full sister, her dam being Tietje Queen De Kol (42.26 lbs.) and her full sister, Tietje Queen De Kol 2d (43.29 lbs. at four and one-half years). The three have records averaging 42.64, a hitherto unheard of average for two full sisters and their dam.

The sire, Spring Farm King, a full brother to the first 44-lb. cow, is one of the coming sons of King of the Pontiacs from a 34-lb. dam. Spring Farm King is getting a fine list of young daughters with records up to 22 lbs. at two years. The records of this heifer's dam and her full sister, her sire's full sister, and her own two grandams, average for the five, 41.39 lbs. butter in seven days.

This is undoubtedly one of the best bred heifers ever offered in public sale.

A CHAMPION'S DAUGHTER AT PHILADELPHIA

R. G. Williams and Sons, Canton, Pa., are consigning to the National Sale at Philadelphia, a daughter of that great producer, Pauline Mable Maid, whose wonderful milk record was reported in a recent issue of the World. This young cow as a senior three-year-old made the following record:

Butter 7 days	32.63
Butter 30 days	132.6
Milk 7 days	75.20
Milk 30 days	3152.0

Her 30-day milk record is only about two pounds less than that of the

Our Herd Sire

KING KORNDYKE DAISY HENGERVELD

He is a son of King Korndyke Sadie Vale and from a 30-lb. daughter of Sir Veeman Hengerveld.

We have sold all the females advertised but have a few good sons of this bull from good dams for sale. One is from a 30-lb. granddaughter of King of the Pontiacs and she has a 30-lb. dam and a 30-lb. grandam.

Our prices are reasonable and so far as we know, we have no dissatisfied patrons.

FLOCK BREWING CO. Williamsport, Pa.

world's champion senior three-year-old, Jewel Pontiac Segis, and the seven-day record is close to the top, her best seven-day's work, which unfortunately did not coincide with her best seven days for butter, is 770.4 lbs. milk, which is the largest milk record ever made by a heifer in her class. Her best day was 116.5 lbs. This is the same cow who last year won first association prize for her milk production of 627.8 as a senior two-year-old, her butter production of 28.15 lbs. winning ninth prize. As a junior two-year-old, twenty-five months old, she won third Association prize with a milk production of 530.5 lbs., her butter record this time being 22.55 lbs. Thus her three records, all under four years, average 636.43 lbs. milk, containing 27.68 lbs. butter—a very unusual average. The sire of the heifer, which Messrs. Williams are consigning to the Moyer sale, is Rag Apple Korndyke, that splendid son of Pontiac Korndyke and Pontiac Rag Apple (31.62 lbs.). Rag Apple Korndyke now has over half a hundred A. R. O. daughters with good records up to 37 lbs. He is perhaps best known as the sire of the great Pine Grove bull, Rag Apple Korndyke 8th. The Williams heifer should be one of the attractions of the Moyer sale.

REX PONTIAC GETS GOOD LIST

One of the best of the younger sires of the present day is Rex Pontiac, herd sire at the Yates Farm, Orchard Park, N. Y. This fellow is out of a 30-lb. dam and is sired by Spring Farm King Pontiac, that great transmitting 37-lb. son of King of the Pontiacs. Note that the dam and the sire's dam of Rex Pontiac have records averaging just over 34 lbs.

His daughters are making records that are appropriate for a sire of his breeding and individual quality. His entire list of fifteen A. R. O. daughters all making their records with first calf, average 20.28 lbs. butter from 397.7 lbs. milk. None of them go below 15.8 lbs., and the highest is 27.04 lbs. by a three-year-old with first calf. His complete list of daughters to date follows:

Agnes Pontiac Johanna, at 3 yrs., first calf.
Milk 410.4
Butter 27.04
Cora Veeman Rex Pontiac, 2 yrs., 3 mo.
Milk 454.9
Butter 25.64
Rex Pontiac Belinda Segis, 2½ yrs.
Milk 439.10
Butter 23.71
Gertrude Jobyna De Kol, 2 yrs., 9 mo.
Milk 304.3
Butter 23.01
Gladys Burke Pietje, 2 yrs., 4 mo.
Milk 330.9
Butter 20.83
Rex Aaggie Pontiac, 30 mo.
Milk 422.3
Butter 20.66
30-day record, milk 1920.11
30-day record, butter 86.09
Anna Pledge Pontiac, 2 yrs., 4 mo.
Milk 367.5
Butter 20.56
Rex Pontiac Daisy Joh., 2 yrs.
Milk 351.50
Butter 19.60
Princess Pontiac Bonheur, 2 yrs.
Milk 421.1
Butter 19.24
Charm Rex Pontiac, 2 yrs. 6 mo.
Milk 376.8
Butter 19.02
Gracia Plain Pontiac, 2 yrs. 8 mo.
Milk 409.6
Butter 18.77
Goldie Vale Pontiac, 2 yrs. 3 mo.
Milk 481.7

Buyers' Opportunities

Here are big opportunities done up in small packages—the Sales Market of unlimited choice. Advertising in this department is accepted at regular rates and subject only to minor restrictions regarding style and typography.

Riverside Stock Farm

King Pontiac Boon Lilith 106026

is one of the best sons of King of the Pontiacs. He is also sire of a fine bull born March 27, 1913. Dam of calf is K. H. S. Pontiac 229689 with a record of 26.44 lb. butter from 403.3 lb. milk testing 5.2 per cent fat as a 4-year-old. Calf is nicely marked, straight as an arrow. Send for pedigree and price to

A. W. BROWN & SONS
West Winfield, N. Y.

Bulls and Females For Sale

A. R. O. breeding, large size, show type. Splendid bulls up to one year old, out of dams with good records.
Come and see the best bred herd in Iowa. Everything we have is of our own breeding. I can please you in quality and price.
Herd headed by a great Ormsby bull.

J. H. CLEVERLEY
Fairlawn Farm Maxwell, Iowa

$200 for High Class Yearling Bull

Born Nov. 6, 1917, sired by King of the Changelings, a 33-lb. son of King of the Pontiacs. Dam, Clelia Pauline Abbekerk 2d, an A. R. O. daughter of Changeling Butter Boy and 75 per cent the same breeding as Changeling Tidy Abbekerk Wayne the only 44-lb. three-quarter cow. Bull is nicely marked and ready for service.

FRED A. BLEWER
Maplevale Farms Owego, N. Y.

King Rag Apple Colantha, Rag Apple Korndyke 8th, Colantha Johanna Lad, Sir Veeman Hengerveld are the four nearest sires of **Zuyderz Rag Apple Veeman,** born Aug. 23, 1918. Dam: A 25-lb. daughter of Sir Veeman Hengerveld. Priced to sell

L. B. Taylor,
Lake Mills, Wis.,
or
E. H. Smith,
Duluth, Minn.

ZUYDERZ HOLSTEINS

Pedigrees Compiled

4 generation, with 2 carbon copies, $1.50

Loose Leaf Herd Registers, 2 sizes. Certificate Envelopes—Circulars—Stationery.
Write us about Sale Catalogs.

LIVE STOCK PRINTING CO.
La Grange, Illinois

Advertise in the HOLSTEIN-FRIESIAN WORLD

Are You Watching?

the sons and daughters of the great producing cow

DIONA KONIGEN PIETERTJE

Her record 37.44
Her daughter's record 40.153
Another daughter at 4 yrs. 35.935
Another daughter at 3 yrs. 27.09
Her son's daughter at 4 yr. ... 43.52

4 daughters above 30 lbs.

I am offering some beautiful sons of King Champion, another of Diona's sons at reasonable prices. Write just what you want.

DON J. WOOD
West Winfield : : N.Y.

If You Want to Sell a Bull

advertise in the Holstein-Friesian World, last we advertised is sold.

If You Want to Buy a Bull READ:

For Sale—A son of Tidy Abbekerk Prince from a 25-lb. daughter of De Kol Hengerveld Burke, next dam a 25-lb. daughter of Hengerveld De Kol. Bull is ready for heavy service, 1½ years old, splendid individual, more white than black. Will sell for a reasonable price or will exchange for yearling heifers. Will gladly send pedigree and further information upon request.

Henry Lathrop & Sons
Sherburne, N. Y.

MAPLE LAWN FARMS

Holsteins for sale. Holsteins to buy, whole herds preferred. Can use large numbers of registered bulls, all ages. Headquarters for everything in registered and grade Holsteins all ages. 200 head from which to select.

C. W. Ellis, Jr.
CORTLAND New York

Bull Calf, Born March 17

His sire by the same dam as Lockhart De Kol. She held the world's record, 29.27 as a 2½-year-old for 4 years and made 30.56 at 3½ years. Sire of bull calf from Lockhart Lilith King No. 146755, his dam 31.77, his sire's 7 nearest dams all 30-lb. cows.
Dam—Lockhart Bessie Pietertje 2d No. 208543. Milk 390.1, butter 18.21 at 3 years 2 months.
Calf will weigh over 175 lbs., about ¾ black. First check for $75.00 gets him.

Lockhart Holstein Farms
Eugene La Munion Solsville, N. Y.

CHOICE BULLS

Sired by one of the best sons of the great 41-lb. bull King Korndyke Sadie Vale.

Wisconsin Star Stock Farms
Edwin M. Schultz
Hartford Wisconsin

LAKESIDE STOCK FARM

Offers several very fine yearling bulls of very choice breeding, Show Bulls, several of which are from thirty to thirty-six pound dams and others from dams as good or better, when age is considered.

Lakeside herd has long had the reputation for bulls of the highest individuality of any herd in America

Write at once with full particulars as to your wants. These bulls will go quickly.

E. A. POWELL

904 W. Genesee Street **Syracuse, N. Y.**

HEIFER AND BULL CALVES

Conditions compel us to offer nearly our entire crop of calves both male and female. Many of them sired by a son of King of the Sadie Vales and descendants of K. P. Pontiac Lass on their dam's side. Some of them have yearly record backing. A great opportunity for one wishing to purchase a number of heifer calves all by one sire.

PRICES REASONABLE, BREEDING CONSIDERED
No bulls of service age to offer.

Irving N. Roe **Branchville, N. J.**

CLUNY STOCK FARM · Quality · Production · Health · HOLSTEINS

The Bull Is Half the Herd—and More

You know what your herd is, Your Half. The cheapest way possible for you to raise the value of Your Half is to use a good bull; that is, the purchase of **one Better Half** will be the means of making a Whole Herd of better animals. Think it over.

For Pedigrees and Prices on young bulls, write

R. BRUCE McPHERSON **Howell, Michigan**

College King Segis Alcartra 206680

His sire is the great $50,000 bull. **Herd sire of Union College Holstein Farm**

As an individual he has no superior, as to breeding and pedigree but few equals. His dam is a 35.61-lb. former world's record four-year-old.

Visitors to our modernly equipped barns are welcome. We can supply your need.
All cows in the herd are in the Advanced Registry.
Street car from Lincoln brings you direct to farm.

Harvey A. Morrison, President — **UNION COLLEGE**, College View, Neb. — Chas. Williams, Herd Supt.

SILVER BIRCH HERD · HOLSTEINS · MEXICO, NEW YORK

BLOOD ROYAL

A son of Sir Veeman Hengerveld from a daughter of King Korndyke Sadie Vale, the second dam a 34-lb. daughter of Sir Korndyke Pontiac Artis, the third dam a 27-lb. daughter of Sir Veeman Hengerveld, heads the Silver Birch herd. He is an outstanding individual, handsomely colored, more white than black, straight over the back and individually without fault. Several of our good cows are in calf to him and we will be able to offer his sons very shortly

F. H. Huetson & Sons **Mexico, N. Y.**

A Son of a 30-lb. Cow With Almost 700 lbs. Milk

A very choice 3-months-old grandson of Colantha Johanna Lad from Olive Pietertje Colantha with a record of 30.79 lbs. butter from 674.4 lbs. milk in 7 days and 115 lbs. butter from 2755 lbs. milk in 30 days, an average daily production of 91.8 lbs. milk for the month.

His dam has twice made over 625 lbs. milk in 7 days and has three times made better than 25 lbs. butter.

Here is a calf sired by a grandson and from a granddaughter of Colantha Johanna Lad who has more daughters above 600 lbs. milk than any other bull of the breed. He also stands second to King of the Pontiacs in respect to the number of 30 lb. daughters.

WALLACE HOLSTEIN CO. **Wallingford, Conn.**

We Have Grandsons of KING OF THE PONTIACS

From one to eight months old—for sale at reasonable prices. Send for description and price list

PATTERSON & DICKINSON

Bellefont Farms **Bellefontaine, Ohio**

Butter	
Julita Pontiac Segis, 2 yrs.	18.42
Milk	
Butter	443.3
R. P. Keda De Kol, 2 yrs.	16.03
Milk	
Butter	352.00
30-day record, milk	15.87
30-day record, butter	1555.6
Rex Pontiac Mayflower, 2½ yrs.	63.77
Milk	
Butter	400.4
	15.85

DAUGHTERS OF TWO KINGS

Two bargains which will be offered to the public at the Moyer National Sale at Philadelphia are consigned by Allamuchy Farms, Allamuchy, N. J., and are daughters of their two herd sires, King of the Sadie Vales and King of the Ormsbys. The former is a son of King Korndyke Sadie Vale, the only sire to have a 41-lb. dam, a 40-lb. sister and a 40-lb. daughter. Four daughters, all heifers with second calf, have records above 31 lbs., averaging 34.53 lbs. The dam of King of the Sadie Vales is Sadie Vale Concordia 4th Pietje (38.43 lbs.). The grandam of King on both sides is Sadie Vale Concordia 4th, a 41-lb. daughter of the first 30-lb. cow, Sadie Vale Concordia.

King of the Ormsbys, sire of the other heifer consigned to the sale, is a son of Sir Pietertje Ormsby Mercedes, 22 of whose daughters at an average age of 3½ years have semi-official year records averaging over 1000 lbs. butter from over 21,000 lbs. milk. His daughters have made good in short time work also, two having records above 40 lbs. and six others above 30 lbs.

King of the Ormsbys is out of Spring Brook Bess Burke 2d, who has made three records above 35 lbs. butter in seven days, and three above 1000 lbs. in a year, her latest record being 1290 lbs. She has further distinguished herself by producing a 40-lb. 4-year-old daughter—a full sister to King of the Ormsbys. Her dam, Spring Brook Bess Burke, a 34-lb. cow with a year record of 1094.16 lbs. is the only cow to have two daughters with seven-day milk records above 787 lbs, or three daughters with butter records above 33 lbs. She and her three daughters hold the world's records for both milk and butter for seven, thirty and three hundred sixty-five days for dam and three daughters.

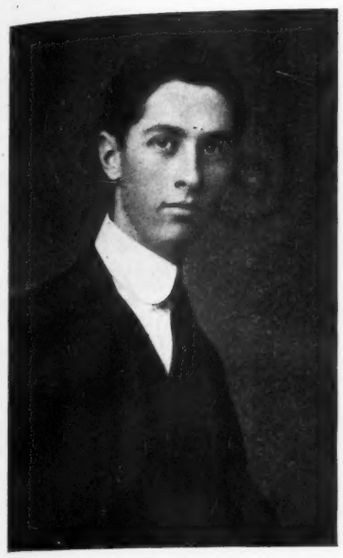
Daughters of these two great sires should prove a leading attraction even at so great a sale as the one at Philadelphia.

A HERD BULL OF MERIT

One of the best herd sires in Wisconsin is King Sadie Vale Spofford, owned by Howard Peck, Elkhorn, Wis. This bull, as his name would indicate, is a son of the great King Korndyke Sadie Vale, who is the only sire to have a 40-lb. daughter, a 40-lb. dam and a 40-lb. sister. He has four daughters, all three-year-olds, with records above 31 lbs., the average for the four being over 34 lbs.

King Sadie Vale Spofford is out of Woodcrest Spofford, who has a record of 31.02 lbs. butter. She is a daughter of the great century sire, Homestead Girl De Kol Sarcastic Lad. She was bred again last January to King Korndyke Sadie Vale, and will be given every opportunity to increase her record. She has already proven her transmitting qualities through two good record daughters, and she is a now valued member of the McAdam herd.

Mr. Peck writes concerning his bull as follows: "We purchased King Sadie Vale Spofford of Quentin McAdam, Utica, N. Y. The buying was done entirely by mail, but we found him even better than represented. He is a fine individual now 31 months old. We have his first crop of calves, which are splendid individuals with long, straight backs and nice marking. They



HOWARD PECK

are the kind that look good in the pen as well as on paper, and should prove worthy of their sire."

Mr. Peck is to be congratulated on securing such a sire to head his herd at Linden Farm. It is interesting to note that the two nearest dams of King Sadie Vale Spofford have records averaging over 36 lbs. butter from over 610 lbs. milk, and that his five nearest dams have butter records averaging over 32½ lbs.

MORE SALES FROM LOTHIAN-RIVERODE

The young bulls at the Lothian-Riverode Stock Farms advertised in the columns of the World, keep selling better and better all the time. Three recent sales are Lothian Wayne Korndyke, Lothian Stanley Korndyke and Lothian Jimmie Korndyke. The first named, Lothian Wayne Korndyke, is sired by Lothian Maggie De Kol Son, who is a son of the great Pietertje Hengerveld Sir Korndyke out of a 1200-lb. cow. The dam, Mollie Wayne Korndyke, has a junior three-year-old record of over 26½ lbs. butter from 670.67 lbs. milk, and over 108 lbs. butter in thirty days. Lothian Stanley Korndyke is a son of K. P. B. A. Fedora King out of Lothian Belle Korndyke De Kol, the latter one of the best daughters of Pietertje Hengerveld Sir Korndyke. Like all of her sisters, she is making a good year record.

Lothian-Riverode Stock Farms have a few more bulls bred in these same lines—great, long distance backing with plenty of 1000-lb records—which they are now advertising for sale.

AUCTIONEERS

Another World's Record

It has recently been reported among Holstein breeders that the Auctioneer's Long Distance Record is in danger of being set at a new mark. Freshening for his twentieth year of active service in Holstein sales the record, is now being challenged by

B. V. KELLEY
2731 So. Salina St.
Syracuse New York

AUCTIONEER

A lifetime's experience with Holsteins and selling sales all over the United States and Canada. "That's Us." Perhaps we can make you a Dollar.

R. E. HAEGER
Algonquin Illinois

When it is a Holstein Sale
Write or Wire
HESS & HAMMOND
The Auctioneers
302 Second Natl. Bldg., Akron, O.
(For prompt delivery use office address)
WE DO THE WORK

AUCTIONEER

14 years experience with registered and grade Holsteins.

O. S. PECK
Norwichtown Connecticut

"THINK"
COL. D. L. PERRY
THE HOLSTEIN AUCTIONEER
I also sell satisfaction
COLUMBUS, OHIO

The High Dollar
For your Holsteins with
J. E. MACK
FT. ATKINSON, WIS.
In The Box

SEE—
C. Fred Parsons
Experienced Auctioneer
Holsteins
Oswego New York

AUCTIONEER

For an auctioneer and one that knows values of both purebred and ordinary livestock, write or wire me early for dates as I sell 95 per cent of all sales in this section of the country.

F. H. HEMBROOK Chetek, Wis.

STWOOD
The Only Exclusive
Director of Public Sales
LIVERPOOL, N. Y.

A Son of Great Peter

7 months old, nicely marked, more white than black and a very fine individual.

He is by Great Peter, a son of a 42-lb. dam and full brother to two 42-lb. cows.

The dam is Maple Ridge Ormsby with a 24-lb. record and her dam with 27 lbs. in 7 days and a year record of 1100 lbs. butter from 27670 lbs. milk.

Price for immediate sale $300.

H. C. SWARTOUT
Hartwick Seminary New York

Typewritten Pedigrees

4-generation, 3 copies 75c
5-generation, 3 copies $1.50
Sale Catalogs, $2.50 per page
For 300 Catalogs
Give name and number of sire and dam of animals having numbers above 423670 in cows and 230705 in bulls.

ALDEN SALES AND PEDIGREE CO.
Alden, N. Y.

GENOA STOCK FARM

Herd headed by Finderne Fayne Valdessa whose 3-year-old dam and the two nearest dams of his sire average 41.06 lbs. butter.

We now offer his son out of K K S V Lucy Veeman, whose six nearest dams average 30.06. This bull was born Nov. 8, 1918. Write for pedigree and price.

BROCK & JENKS
GENOA New York

NUWAY STOCK FARM

Offers a choice heifer calf, born Nov. 30, 1918, sired by K. K. S. V. Pontiac whose six nearest dams average 33 lbs. butter in 7 days. Dam's record, 14.08 lbs. as a junior 2-year-old. She is sired by a full brother to Pontiac Lady Korndyke. 38 lbs. Calf about 4-5 white, good individual. Price $225.00 f. o. b. West Winfield.

Address
D. W. Morris & Sons
West Winfield, N. Y.

A. S. NEALE

Owner of the closest living representatives of the famous "Lakeside Model family." Bulls of this breeding.

Manhattan Kan.

BUY A HEIFER

Our specialty—Foundation herds.

Our motto—A pleased customer is the best advertisement.

Don't wait—write at once. We accept Liberty Bonds.

F. HOWARD JUDD Linden, N. Y.

A YEARLING BULL OF GOOD BREEDING

His sire—King Concordia 81877. His sire is a son of King Segis and Prilly. His dam, a daughter of Clothilde Concordia and half sister to the sire of a 40-lb. cow. Sire of two A. R. O. daughters, 21.-92 lbs. butter and 541 lbs. milk at 3½ years and 19.25 lbs. butter and 491 lbs. milk at 3 years.

His dam—Lady Clothilde Concordia De Kol 2d 262100, A. R. O. 20.99 at 4½ years. Her sire is a son of the century sire, King Segis Pontiac. Her dam a 26-lb. daughter of Clothilde Concordia.

This bull traces twice to King Segis, grandsire of the 50-lb. and of 40-lb. cows; twice to Clothilde Concordia, grandsire of a 40-lb. cow; once to the century sire, King Segis Pontiac, grandsire of a 39.23 lb. cow.

Born Oct. 27, 1917, three-fourths black, well grown, ready for immediate service and a good individual.

Pedigree and photo on request.

Wm. H. Davy & Son
FORT PLAIN New York

In Service at

GRAHAMHOLM

Sir Winana Beets Segis

Two 30-lb. daughters, one with 35.33 lbs. He is a brother to the sire of the only 50-lb. cow and the only 46-lb. heifer. He is a son of the Great King Segis.

Write us for bulls of this breeding. Address

W. J. BOYNTON, Mgr.

Rochester, Minn.

WANTED

Best Proven Sire Available

Must have first class individuality, a clean bill of health and daughters with good yearly official records. Send photographs.

Forrest Fergurson Farms

St. Louis, Mo.

From

Johanna Dams—Ormsby Sire

21 lb. at 2 yrs. 30 lb. at 4 yrs. Investigate the breeding of one of our bulls.

"Home of the Johannas"

W. J. GILLETT & SONS

Rosendale, Wis.

5.13 PER CENT. FAT

Is average test of dam of my herd sire. Her records are:

Butter 7 days, 30.86. Average per cent of fat 5.53

Butter 30 days 121.85. Average per cent of fat 4.98.

7 days 8 months division 23.12. Average per cent of fat 5.43.

Butter 365 days 1226.28. Average per cent of fat. 4.59.

She is the highest testing cow of the breed.

4.4 PER CENT. FAT

Is average test of his first 10 tested daughters. Among them is a 23-lb. 2-year-old, a 25-lb. 3-year-old and a 26-lb. 4-year-old.

Long Beach De Kol Korndyke No. 85196, through his dam, sisters and daughters is the highest testing bull of the breed.

Don't you want one of his baby sons out of a good A. R. O. cow?

DAVID FALCONER

Scottville, Mich.

Advertise in the HOLSTEIN-FRIESIAN WORLD

WANTED

A Yearling Bull. Must be classy individual with yearly records behind him. Photo of calf, sire and dam needed. Price not over $500.

Gaithersburg, Md.
BOX 157

Want To Buy

herd registered Holsteins and rent or buy real dairy farm.

Box C. W.
care Holstein-Friesian World
Syracuse, N. Y.

MANAGER WANTED

One who has had experience in making high records and who is capable of taking full charge of dairy farm. Only men of wide experience need apply.

P. O. Box 2697, Boston, Mass.

FOR SALE

Bull calf, sired by Sir Veeman Anna Ormsby, a son of Sir Veeman Hengerveld and Anna Johanna Ormsby, A. R. O. 29.35.

Dam of calf—Anna Lilith De Kol, A. R. O. 24 lbs., a daughter of Lilith Pauline De Kol's Count. 2d dam, 20.89 lbs. at 2 yrs., third dam, 34.44.

Calf is nicely marked, a nice individual and is cheap at $100.

F. C. Whitney Ilion, N. Y.

KING OF THE PONTIACS BULL CALF—$190

Born in December; three-fourths white; thrifty, straight, handsome. Sire a good young son of the great King of the Pontiacs, out of a near 28-lb. 4-year-old granddaughter of the equally great King Segis. Dam of calf a beautiful large heifer; record at present, 22 lbs. at 3 years—she out of a 25-lb. cow. An exceptionally strong combination of producers, of popular strains, in this fellow's breeding.

For this month only (he will cost more later) $190, f. o. b. here; extended pedigree and all papers; safe delivery, entire satisfaction guaranteed. Hesitate and he may be lost. Wire check and shipping directions have been sent and investigate at your leisure, because he can be returned at our expense if not satisfactory. Liberty bonds accepted in part payment.

John H. Broad
MORRISVILLE New York

FOR SALE

A fine well-grown 14 months old son of

KING MODEL

Dam 20.37 lb. junior 3-year-old granddaughter of King of the Pontiacs. For pedigree and full particulars address

DUNHAM BROS.
Martville New York

FOR SALE

One 9-18 Chase Gasoline Tractor, new last year. In perfect running condition. Will exchange for registered Holsteins.

R. A. HASWELL
Hoosick Falls New York

A MARYLAND SIRE

One of the former herd sires of S. A. Ensor, of New Windsor, Md., is Windsor Hengerveld De Kol, who is a son of Hengerveld De Kol 3d. The latter, who has a good list of daughters with records up to 27 lbs., is the son of the first century sire, Hengerveld De Kol. The dam of Windsor Hengerveld De Kol is Klaasje Clothilde 3d. This cow has never been tested, but she has two good record daughters, one of them with 24 lbs. at three years old. Mr. Ensor writes concerning his bull, "Windsor Hengerveld De Kol at seven months old weighs 600 lbs., and took first prize at three fairs. I have several of his daughters now in my herd, and they are doing fine."

WINDSOR HENGERVELD DE KOL
Owned by S. A. Ensor, New Windsor, Md.

A WELL BRED SIRE

Mr. Frank L. Sheldon, Troy, N. Y., has purchased from Dutchland Farms the richly bred young sire, Dutchland Creamelle Konigen. This fellow, who is now a little over a year old, is a son of the great Field bull, Dutchland Creamelle Korndyke Lad, whose young daughters are making such good records; he being sired by Dutchland Sir Pontiac Rag Apple and out of the 30-lb. cow, Dutchland Colantha Vale. The dam, King Segis Pontiac Konigen Jewel, a 22-lb. 4-year-old, is a daughter of the great $35,000 bull, King Segis Pontiac Konigen, whose young daughters are breaking world's records right and left. Mr. Sheldon, whose farm is located three miles from Troy on the Mohawk Trail, is to be congratulated upon securing such a well bred sire.

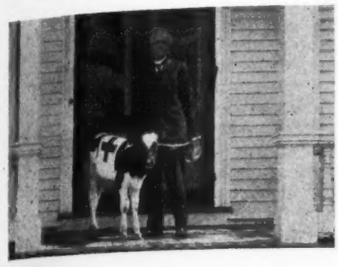
FROM MINNESOTA COW TESTING ASSOCIATIONS

The report of the various Minnesota Cow Testing Associations for the month of April shows an increased interest among the breeders of that state in the cow testing work. One of the noteworthy things about this report, from our point of view, is the fact that the best producing cow mentioned in the report is a pure-bred Holstein, owned by Fleckenstein's Farm, who produced 80.81 lbs. or 101 lbs. of butter during the month of April. The report covers nine different Associations and some one-hundred and forty different herds. A new association was recently started at Barnum, Minn. This community is far north and nearly all the herds are small, but they feel the absolute necessity of testing. Several other communities have organized Associations which will start operations very soon.

In fact, there will be seventeen active cow testing associations in the State of Minnesota. The chief difficulty is inability to get men for the testing work.

A RED CROSS CALF

This is Red Cross Princess De Kol, for whom Frank E. Cutting and



RED CROSS PRINCESS DE KOL

George L. Cutting, of East Weare, N. H., paid $225 at three weeks old.

CANADIAN COW STILL GOING

A telegram from H. H. Bailey, of Oak Park Stock Farm, Paris, Ont., advises that Helbon Beauty Bonheur 2d, who at last report was making a 30-lb. record, has reached 31.23 lbs. butter, 629.3 lbs. milk, and is undoubtedly going higher yet. Her best day's milk thus far is 95 lbs. Her dam, Helbon Beauty Bonheur, is also a great producer with a record of 683.7 lbs. milk, containing 31.4 lbs. butter. This great pair, mother and daughter, both 31-lb. cows and both with milk records way above 600 lbs., are consigned by Mr. Bailey to the Moyer National Sale at Philadelphia.

LAKEVIEW DUTCHLAND ARTIS

The World is sorry to have to report the death of one of the greatest cows in Canada, and for that matter one of the greatest in the world. Lakeview Dutchland Artis, Canada's first 43-lb. cow, owned by Dr. F. A. Heslop, Freeman, Ont., died recently of hemorrhage after freshening.

Lakeview Dutchland Artis was until the advent of the 51-lb. cow, the greatest record cow in the Dominion of Canada with 43.05 lbs. butter in seven days. Her senior three-year-old record of 34.66 lbs. butter stood as highest Canadian record for a number of years, and now stands second in the Dominion. She is a daughter of Dutchland Colantha Sir Mona, who is one of the best sons of the great century sire, Colantha Johanna Lad.

Dr. Heslop had purchased her from Lakeview Farm, Bronte, Ont., only a short time ago, and had consigned her to the Moyer National Sale at Philadelphia, next June.

Under the circumstances we feel that the entire Holstein public, as well as Dr. Heslop, have suffered a definite loss in the death of this remarkable cow.

His Method.

Waiter—Waiter (hinting for a tip) —And how did you find the steak, sir?.

Diner—Oh, I just moved that little piece of potato and there it was.—Boy's Life.

THREE-YEAR-OLD SIRE FOR SALE

As our herds are small and we have several of his daughters now ready to breed, we are offering our sire

CORNUCOPIA REX PONTIAC

a son of Rex Pontiac at the head of the Yates Farm Herd, one of whose daughters has just made a record of 25 lbs. as a 2-year-old and another 27 lbs. as a junior 3-year-old.

His dam is a 27.63-lb. 4-year-old granddaughter of Aaggie Cornucopia Johanna Lad. His four nearest dams average 31.63 lbs. butter and 4.75 per cent fat.

He weighs about 1800 lbs., is straight, nicely marked, about 3-5 white and a fine individual. Price reasonable.

Price, photo and pedigree on application.

OTIS & COLLINS
Vernice Center New York

THE BULL IS ALRIGHT

He's a crackerjack individual, evenly marked, 13 months old and ready for service.

He is sired by a son of Sir Veeman Hengerveld from a daughter of King Korndyke Sadie Vale and his dam has a three-year-old record of 25.79 lb. butter from 457 lb. milk.

He's right every way and if you are really interested will send you pedigree and photo.

P. R. Crothers & Son
Badger, S. Dak.

F. E. Johnson
Hetland, S. Dak.

HOLSTEINS

7-8 Holstein heifer calves $20 to $25 each, express prepaid in lots of five.
20 fresh and close springer grade cows.
20 due in the fall.
40 1 and 2-year-olds.
50 registered heifers, half of them bred to freshen in the fall.
15 registered heifer calves.
35 registered fresh springer and fall cows and bulls of all ages from dams with records up to 45 lbs. butter in 7 days.

John C. Reagan
Tully, N. Y.

BULL BARGAIN

We will sell our present herd sire, 3 years old, 7 nearest dams average 31 lbs. Good individual, very gentle. Priced at half value to move quick as we can no longer use him. $250 delivered within 500 miles. Send for pedigree and photo.

Abbott & Brockhouse
Sioux Falls S. Dakota

BULLS! BULLS!

Two grandsons of King Segis Pontiac Alcartra and a 32-lb. cow also a a son of Sir Echo Sylvia Pontiac from a daughter of King Segis Alcartra Pontiac. The 20 nearest dams of Sir Echo Sylvia Pontiac average nearly 39 lb.

Calves are light in color and fine individuals.

C. B. Marshall
Morrisville New York

Advertise in the HOLSTEIN-FRIESIAN WORLD

CHOICE BULL CALVES

Sired by **Sir Ormsby Segis Korndyke Pontiac.** Sire is Sir Ormsby Hengerveld Korndyke, son of Pietertje Maid Ormsby (butter 7 days at 6 yrs., 35.50; 30 days, 145.66 world's record when made) "the greatest living foundation Holstein cow" and the only cow in the world having nine 1000-lb. granddaughters. His dam is Watson Segis Pontiac, a 27.03 three-year-old daughter of King Segis Pontiac Count, whose daughters have broken more world's records than the daughters of any three other sires.

Prices range from $100 to $500.

Arthur T. Warner
Overlook-Valley View-Shady Nook Farms
Cobbleskill, N. Y.

DUTCH CORNER

Offers bull calf born Feb. 11, 1919. Good size, straight and square. Nicely marked, 2-3 dark. Dam, Charity Alban, at 4 years, milk 554.6, butter 22.22 lbs. Sire, Governor Walker Lyons, with 10 nearest dams averaging 99 lbs. milk per day on official test. $125 delivered your nearest express office.

JOHN J. WALRATH
EAST SPRINGFIELD New York

EXPERT ADVICE ON HOLSTEIN CATTLE

My services are open to prospective buyers of HOLSTEIN CATTLE at the CABANA SALE, May 27, 28, 29 and 30, or at the NATIONAL SALE, Philadelphia, June 5, 6 and 7.

Commissions executed on a single animal or a whole herd. Write or wire for particulars.

Address until May 25, Brattleboro, Vt.

May 26-30, Lafayette Hotel, Buffalo, N. Y.

June 3-6, Bellevue Stratford Hotel, Philadelphia, Pa.

30 years experience in the buying, selling and developing of Holstein-Friesian cattle.

GEO. F. GREGORY
American Bldg. Brattleboro, Vt.

FOR SALE

A 22-months-old grandson of Colantha Johanna Lad. The dam will be tested again and should increase her record. His nine nearest dams now average 23.59. He is a fine, strong individual and has been used on 30-lb. cows.

Send for pedigree and photo. He is priced low.

Eagle Bay Farm
SILVER CREEK New York
The Home of King Sadie Vale Supreme.

An Alcartra

Show Herd Bull Calf—$250

Born in June; weighs nearly 700 lbs.; ready for regular service; member of our last season's junior calf show herd; thrifty, straight, well grown—all of our bulls are; more white than black. Sire, one of the three Broadhurst herd bulls of outstanding quality, a 32-lb. son of "The $50,000 Bull," with an average of over 33 lbs. for three nearest dams; dam of calf by a 32-lb. sire, is a 21.54-lb. granddaughter of the noted Beauty Pietertje Butter King, the 30-lb. sire that already has 15 producing daughters, 19 A. R. O. sons—rich breeding on both sides for at least six generations back. The sire of this calf is now having his first daughters entered in the big A. R. O. Book—over 20 and 22 lbs. at average age of 25 months. Price at present, f.o.b. here, $250.

Pedigree, pictures, details for all 'cept the postal card curious.

Broadhurst Holstein Farm
Morrisville N. Y. "Which is in Madison County"

R. AUSTIN BACKUS

The only absolutely

Up-to-Date Pedigree Expert

Write for dates early.

Mexico, N. Y.

I Can Save You Money and Make You Money

if you will breed your cows to our great 37-lb. bull, King Prilly Konigen, son of Diona Konigen Pietertje, or our son of King Korndyke Sadie Vale from a 30-lb. daughter of Sir Veeman Hengerveld. Both individually perfect. The price is reasonable. Small herds cannot afford to own such good sires.

F. A. Tinker

SALISBURY CENTER : : : N.Y.

HOBART W. FAY

"QUALITY FIRST"

Since 1904

Mason Michigan

HERE IS A SHOW CALF

Strikingly marked. Light color. Large and vigorous and level on the rump. Born Dec. 23, 1918. Sire, Sir Rag Apple Brookside De Kol.

Dam—A 20-lb. 3-year-old. Will be tested again. She is a great all-year round cow. Second dam, 21.75 lbs. in 7 days at almost 12 years of age. Third dam, 20.34 lbs. at 9 years. Here is a good proposition for a small breeder. Price $250.00. For pedigree, photo, etc., write

Archie Reid, Jr.

JANESVILLE : : : : Wisconsin

COWS, HEIFERS and BULLS

Registered highly bred stock offered very reasonably by

Otto Brandenburg

Waverly, Iowa

BULLS FOR SALE

I have two most excellent bulls ready for service. They have individuality and breeding galore. Let me tell you all you wish to know about them.

L. E. CONNELL

FAYETTE - - - - OHIO

ORMSBY JANE KING

Five nearest dams average 30.81 lbs. butter.

Seven nearest dams average 27.12 lbs. butter.

Sired by Ormsby Jane King, the $20,000 son of "the great white heifer," Ormsby Jane Segis Aaggie, the only twice 44-lb. cow. Dam is an 18.10 lb. 3-year-old daughter of the King of the Butter Kings, he sired by the Milk and Butter King and from the $8000 cow, Pontiac Rag Apple, 31.62 lbs. at 4 years. Her dam is a 25.59 lb. cow who has produced 5 A. R. O. daughters, including a 30-lb. cow, and the next dam a 17.06 lb. 4-year-old who has also produced 5 A. R. O. daughters.

We also offer a 5-months-old son of Spring Farm King whose 5 nearest dams (including two 3-year-olds) and the full sister to the sire average 30.20 lbs. butter.

Write for prices, photos and pedigree.

J. H. Phelps & Son

VERNON : : : : : : : : N.Y.

Up-to-Date

TYPEWRITTEN PEDIGREES

One dollar each.

Sale Catalogs, $2.60 per page.

F. G. Johnston

37 W. Lane Ave. Columbus, Ohio

BULL FROM YEAR RECORD DAMS

We have a couple of bull calves from 7-day and year record dams. Our herd is tuberculin tested each year and we are to be put on the list for an accredited herd this spring. We are doing mostly yearly official work. Serviceable bulls all sold.

Alliquippa Farm

Thos. D. Wood

Newtown Square Penna.

A Yard Wide and All Bull

Now 4 months old. More black than white. Straight over the back, long, deep-bodied, broad and well grown.

His sire has an average of nearly 31 lbs. for his 7 nearest dams and is at the head of 2 herds where his daughters will be given every chance to make good.

The dam with a record of 23.39 lbs. butter from 474 lbs. milk as a 4-year-old has 3 A. R. O. daughters, one with 26 lbs. She is by a son of Piebe De Kol Burke from a 20-lb. cow with 2 A. R. O. daughters, and the third dam with 3 A. R. O. daughters.

Price $125.00 f. o. b. Cazenovia.

D. N. HARTT Cazenovia, N. Y.

SERVICE BULL FOR SALE

Born March 18th, 1918. Sired by a 33-lb. son of King Segis Pontiac Alcartra from Maple Knoll Lady, a daughter of Major Pontiac Korndyke, the next dam a daughter of King Korndyke Hengerveld Ormsby and the third dam by Senior De Kol. The dam has a 5-year-old record of 21.70 lbs. butter from 429 lbs. milk and the second dam has 21.38 lbs. from 419 lbs. milk. The third dam has a record of 22.06 lbs. butter from 519 lbs. milk. The fourth dam has 23.86 lbs. butter and has produced 4 A. R. O. daughters.

Calf is a good individual, well grown, more black than white. He is priced for immediate sale.

H. D. Seely

GOSHEN - - - - New York

The Champion Strictly Official Milk Producer Cow

Raphella Johanna Aaggie 3d, the World Champion 30,000-lb. (Strictly Official) cow was bred in his herd as was also a number of other high record cows.

We still own a number of her sisters and practically our entire herd is closely related to her.

She had size, individuality and could produce—that's the kind we breed.

If you want stock of this sort from proven producers, sired by well-bred bulls, let us hear from you.

Wanadela Farm

West Edmeston New York

T. A. Page & Son

Advertise in the HOLSTEIN-FRIESIAN WORLD

Smiles

Circumspection

"I am sensible of the honor you do me, Mr. Johnson, in the proposal of marriage you have just made," said the haughty young lady, "but circumstances over which I have no control compel me to decline the honor."

"What are those circumstances?" demanded the young man.

"Your circumstances, Mr. Johnson."—New York Evening Post.

Convenient

A farmer had come up to town for a few days. Before he started he had promised to bring his daughter a present, so he went into a jeweler's shop and said to the assistant: "I want a pair of earrings, cheap, but pretty."

"Yes, sir," said the jeweler; "you want something loud, I suppose?"

"Well, I don't mind if one of them is a little loud." replied the farmer. "My girl is slightly deaf in one ear."—Tit Bits.

Heavy

"My daughter is going to Professor Wombat, the eminent pianist."

"How's his touch?"

"Pretty strong. Four dollars a lesson."—Kansas City Journal.

Breaking It Gently

"I paint what I see," an art-student once said to his master, complacently.

"Well, the shock will come when you really see what you've painted," said the artist.—Boston Transcript.

The Proper Retort

"So you want my daughter, eh?"

"I do sir."

"Have you any money?"

"A little. How high do you quote her?"—Brooklyn Citizen.

Deductive Reasoning

"Why do people say, 'As dead as a door nail?' asked the Boob. "Why is a door nail any deader than a door?"

"Because it has been hit on the head, I suppose."—Cincinnati Inquirer.

The First Food-Monopolist

"This ought to make life easy from now on," remarked Noah as the ark landed.

"To what do you refer?" inquired Japhet.

"Our monopoly of eggs, butter, milk, beef, etc., with not a soul on earth to start an investigation."—Washington Star.

Easily Solved

Teacher—"Now, Johnny, suppose you wanted to build a $1,000 house and had only $700, what would you do?"

Johnny—"Marry a girl with $300."—Boston Transcript.

Great Color Scheme

Mary—"Why do you always buy two kinds of note paper?"

Jane—"Well, when I write to Jack I use red paper—that means love; and when I write to George I use blue paper— which means faithful and true."—Tit Bits.

The Head of the Herd

KING VALDESSA PONTIAC

"The Premier Sire"

BELL FARM State and Federal Supervision Coraopolis, Pa.

Fred F. Field Holstein Co.
BROCKTON, MASS.
MONTELLO
STATION

Dutchland Konigen Victory Lad

This calf is line bred, carrying three crosses of Pontiac Korndyke and Hengerveld De Kol. HIS SIRE is King Segis Pontiac Konigen, the 40-lb. bull whose three nearest dams show an average production of over 38 lbs. and whose sire has a daughter that just recently made over 37 lbs. (the state record of Iowa). The daughters of no other 40-lb. bull have shown equally as large milk and butter production at age. HIS DAM is Dutchland Rag Apple Olive, the daughter of our Dutchland Sir Pontiac Rag Apple bull and three-fourths sister to Rag Apple Aaggie Colantha who made 41 lbs. in 7 days as a four-year-old, from over 700 lbs. of milk and 167 lbs. in 30 days (the latter being second largest record in the world at age.)

Dutchland Rag Apple Olive is still in test having completed, the last seven days, over 32 lbs. of butter, and yesterday made 83.3 lbs. of milk and 5.1 lbs. of butter. Last season she made over 30 lbs. as a four-year-old and her best seven days was after being in test over 30 days. Her dam is Dutchland Colantha Schuiling, one of Colantha Johanna Lad's first five daughters to give over 700 lbs. of milk in seven days. (She gave 112.7 lbs. of milk her best day). She is also one of his last daughters to cross the 30-lb. mark, making 30.46 lbs. at nearly ten years of age. This cow is bred along the same lines as the new world's champion 51-lb. cow. The third dam is a splendid 20-lb. daughter of Pietertje Hengerveld's Count De Kol that has produced a 26 and a 30-lb. daughter.

Dutchland Konigen Victory Lad is about one month old, well grown, and handsomely colored being about four-fifths white. In our entire twenty years of breeding we have never been able to offer a bull that carried line breeding of so many of the great families. We are unable to put a definite price on him until the dam completes her record which we believe will show a material increase over her present one. Five of the six nearest dams have records from 30 to over 40 lbs., all having given well over 600 lbs. of milk, and two of the five have given 703 and 805 lbs. The sixth dam made 21 lbs. and has produced a 26-lb. and a 30-lb. daughter. She is a daughter of Pietertje Hengerveld's Count De Kol, the bull having the largest number of daughters above 100 lbs. of milk of any sire in the world.

The dam and the grandam of Dutchland Konigen Victory Lad are two of the very best individual cows that we own. They are from the right kind of families from which to select a herd sire as they have the large milk production in connection with large butter records and carry individual excellence.

Write at once for the pedigrees and price of this bull. We will offer him on the following terms; initial payment at the time of sale and the balance payable when the calf is five months old or ready for shipment.

OLD MILL
At Dutchland Farms

Built in 1787

FRED F. FIELD HOLSTEIN CO.

"DUTCHLAND FARMS"

Home of the World's Greatest Producing Dams